The MILCOR SHEET METAL HAND BOOK

A Cataloging of the
Sheet Metal Building Products
Fabricated by the
Milwaukee Corrugating Company
in its several factories
With Data on Steel, Copper, Zinc and Tin Sheets
and Directions for the Applying of
Various Forms of Sheet Metal Roofing

Catalog No. 28

MILWAUKEE CORRUGATING COMPANY

MILWAUKEE, WISCONSIN

Branches

CHICAGO, ILL.

KANSAS CITY, MO.

LA CROSSE, WIS.

District Offices in all Principal Cities





MILWAUKEE CORRUGATING COMPANY

Milwaukee, Wis.,

A PERSONAL MESSAGE FROM THE PRESIDENT

The steadily increasing demand for Milcor Sheet Metal Products is due to the appreciation of their merits.

Milcor men -- loyal, trained, intelligently directed -- are constantly devoting their united efforts to the creation of Quality-Service to customers -- in all that the name applies.

Increased manufacturing facilities through the creation of new modern machines, under my personal supervision, makes us better equipped than ever to maintain Quality and Service.

"Milcor" growth is due not only to the determination to serve best, but its commanding position in the Industry is further attained through the development of new products of distinction attained through the development of new products of dri with their advantages in construction and application.

We want your patronage because we give values and service not elsewhere obtainable -- made possible by the large volume of our business and by efficient manufacturing.

I cherish the thought that this catalog will impress you with the scope of our ability, our fitness to serve you best, with the most complete and diversified line of sheet metal products made.

President and Treasurer

"MILCOR" -- THE MARK OF QUALITY FIRESAFE METAL PRODUCTS

MANUFACTURERS OF MILCOR
SHEET METAL BUILDING PRODUCTS

GENERAL TERMS AND CONDITIONS

Subject to Change Without Notice

Prices: List Prices only are herein given, except as otherwise stated.

Discounts or Net Prices furnished upon application to established and recognized dealers. All quotations are for prompt acceptance only, and are subject to change without notice.

Terms: on Carlots or less than carlots (any Class of Material).

- 1. Thirty Days Net, or ½ of 1% Discount if paid within 10 days from date of Invoice. No Cash Discount allowed on freight deductions.
- 2. Except on: Copper, solder, zinc in any quantity, or material fabricated therefrom.

 Net thirty days from date of shipment. No discount for cash.
- 3. Parties desiring credit must have good commercial rating, or furnish satisfactory reference, before shipment will be made; otherwise cash in advance is required.
- 4. No goods will be shipped C.O.D. or to our order, with Draft and Bill of Lading attached, unless one-half payment is made in advance to insure acceptance.
- 5. Bills not paid at maturity are subject to sight draft, without further notice, although we much prefer that customers remit the respective amounts when due.
- 6. No extension allowed, except by special agreement, to parties financially responsible.
- 7. Interest will be added on all accounts when over due.

Remittances: Remit DIRECT TO MILWAUKEE, WIS., by Express or Postoffice Money Order, New York, Chicago or Milwaukee Exchange.

Shipments: When the transportation company receipts for material in good order, our responsibility ceases, although we gladly offer our assistance in the adjustment of any irregularity. Write us.

Returns: No material returned will be accepted unless permission to return has been granted.

Telegrams and Telephone Messages: All charges on telegrams and telephone messages to us must be prepaid. All messages from us to our customers we prepay.

ASK FOR LATEST DISCOUNT AND PRICE SHEET APPLYING TO THIS CATALOG

MILCOR ARCHITECTURAL SHEET METAL GUIDE CURLEMENT OF THE PROPERTY CONTRIBUTE TO THE PROPERTY CONTRIBUTE THE PROPERTY CONTRIBUTE

The Milcor Architectural Sheet Metal Guide



The Milcor Furnace Pipe and Fittings. Stove Pipe and Elbows Catalog



The Milcor Metal Ceilings and Walls Catalog

Other MILCOR Catalogs That You Should Have

TEMS of Sheet Metal Building Products, not completely cataloged in this Handbook, are covered in four other Milcor books.

The Milcor Architectural Sheet Metal Guide, catalog No. 24-A, contains 72 pages of detailed information on Milcor Spanish and American Metal Tile, Milcor Ornamental Rain Carrying Equipment, Milcor Ventilators and Skylights, Milcor Cornices, Marquees and Architectural Sheet Metal Ornaments of all kinds—a useful book for Architects, Builders and Sheet Metal Men.

The Milcor Furnace Pipe and Fittings, Stove Pipe and Elbows Catalog contains the complete line of Milcor Warm Air Heating Equipment. Its 56 pages of illustrations and useful data are valuable to any Sheet Metal Shop making warm air heating installations and repairs.

Milcor Catalog No. 26 contains the complete line of Milcor "Invisible Joint" Metal Ceilings and Walls. Its 288 pages illustrate and describe over three hundred adaptable, pleasing ceiling and wall designs. These patterns have been carefully selected and are suitable for all types of buildings.

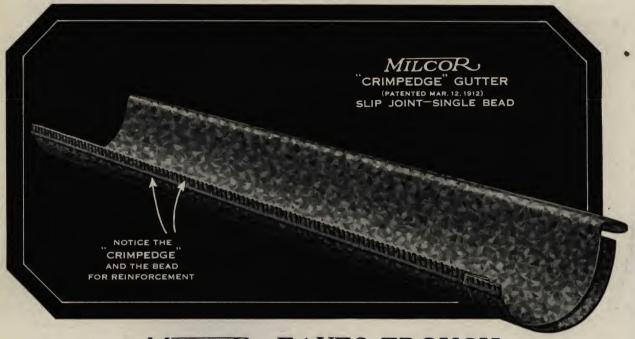
The Milcor Manual, is a broad treatise on firesafe construction. It contains complete data on Milcor Firesafe Sheet Metal Building Products: Metal Lath, "Expansion" Corner Bead, "Expansion" Casing, Base Screed, Picture Molding, Steel Channels, Steel Domes. It is a book for constant reference, for it embodies facts and figures that you will want to consult in planning building.



The Milcor Manual on Firesafe Construction.

MILCOR,

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



MILCOR EAVES TROUGH

SLIP JOINT—SINGLE BEAD

ILCOR Slip Joint Single Bead Eaves Trough is made from prime galvanized sheets or from Pure ANACONDA Copper. Sizes and list prices shown below.

The $3\frac{1}{2}$, 4, 5 and 6 inch sizes are the famous patented Milcor "Crimpedge" Gutter made on our automatic machines. Every length is perfectly half round, uniform and straight.

The crimp edge makes the trough

more rigid and the bead below the crimp adds extra strength. Made in 10-foot lengths.

The larger sizes of Milcor Eaves Trough are also carefully made on special machines. Sizes larger

than 6 inch do not have the crimp edge feature.

Crated 250 feet to the crate. Half right and half left-hand slips furnished unless otherwise ordered.



Pat'd Mar. 12, 1912

LIST PRICES PER LINEAR FOOT

Slip Joints eliminate the necessity of soldering. The Milcor Slip Joint is carefully made and fits perfectly.

MADE FROM GALVANIZED COPPERED

State size, gauge and metal wanted. Made of galvanized Sheet Steel unless otherwise

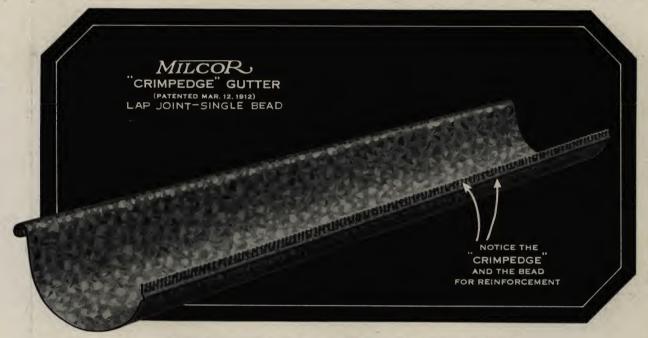
SIZES	31/2"	4"	5"	6"	7"	8"
28 Gauge	.19	.21	.22	.27	.34	.44
26 Gauge	.23	.25	.26	.33	.42	.52
24 Gauge		.35	.36	.42	.52	.62

Pure ANACONDA Copper Eaves Trough cannot rust; it will never have to be replaced.

MADE FROM ANACONDA PURE COPPER COLD LASTS FOREVER

The additional cost is more than offset by the increased length of service. You buy Copper Eaves Trough only once.

SIZES	4"	5"	6"	7"	8"	
14 Oz	.31	.36	.42	.52	.59	
16 Oz	.35	.39	.47	.57	.66	



MILCOR EAVES TROUGH

LAP JOINT—SINGLE BEAD

MILCOR Lap Joint Single Bead Eaves
Trough is made with the famous Milcor
beaded "Crimpedge". This patented
feature adds to the strength of the

feature adds to the strength of the eaves trough and prevents the hangers from slipping.

Eaves Trough larger than the 6 inch size does not have the "Crimpedge" reinforcement. The larger sizes are carefully made on special machines. Milcor Galvanized Eaves Trough is made of metal no lighter than No. 28 gauge. This assures

you of a strong durable product.

Only prime galvanized sheets are used in the manufacture of Milcor Eaves Trough. Also made of Pure Anaconda Copper. Sizes and list prices shown below.



LIST PRICES PER LINEAR FOOT

Made in 10 foot lengths. Shipped in strong wood crates, 250 feet to the crate.

SHEET COPPERED

State size, gauge and meta wanted. Made of galvanized Sheet Steel unless otherwise ordered.

SIZES	3½"	4"	5"	6"	7"	8"
28 Gauge	.17	.19	.20	.25	.32	.42
26 Gauge	.21	.23	.24	.31	.40	.50
24 Gauge		.33	.34	.40	.50	.60

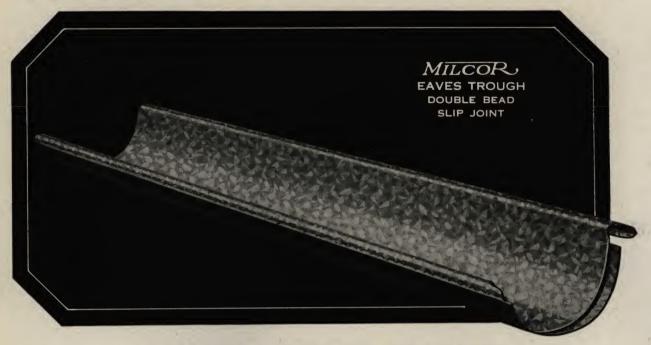
Copper lasts a lifetime. Eaves trough made of Pure ANACONDA Copper does not require painting, repairing or renewing.

- MADE FROM	
ANACONDA PURE COPPER	LASTS FOREVER
	ANACONDA PURE LO COPPER

A copper rain carrying system is a permanent investment. It costs less in the long run.

SIZES	4"	5" -	6"	7"	8"	
14 Oz	.28	.33	.39	.49	.56	
16 Oz	.32	.36	.44	.54	.63	

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



MILCOR EAVES TROUGH

Slip Joint—Double Bead

ILCOR Slip Joint, Double Bead Eaves
Trough is made from prime galvanized
carefully inspected sheets or from Pure
ANACONDA Copper. All galvanized metal takes
the same list price, as shown below. Write for
dealers' discounts.

In copper Milcor Eaves Trough is everlasting. In other metal it is never made of material

lighter than No. 28 gauge. This assures you of a strong, durable product.

Milcor automatic machines turn out perfectly straight, uniform double bead eaves trough, easy to erect. The double bead gives this type of trough extra strength.

Made in 10-ft. lengths. Crated 250-ft. to the crate.

LIST PRICES Per LINEAR FOOT

The Milcor Slip Joint fits perfectly; it makes soldering unnecessary.

SHEET COPPERED

State size, gauge and metal wanted. Furnished in galvanized Sheet Steel unless otherwise

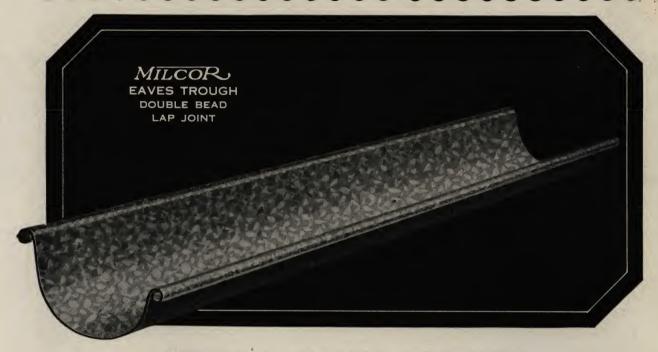
SIZES	3½"	4"	5"	6"	7"	8"
28 Gauge	.25	.27	.29	.35	.41	.52
26 Gauge	.30	.32	.34	.42	.52	.62
24 Gauge		.46	.47	.57	.62	.72

Pure Copper cannot rust. The green patina which forms on exposure is a protective coating.

	MADE PROM	
COLD	ANACONDA PURE COPPER	LASTS FOREVER

The added cost of copper is saved many times over by the elimination of repair and renewal expense.

SIZES	4"	5"	6"	- 7"	8"	
14 Oz	.40	.43	.53	.60	.70	
16 Oz		.48	.58	.67	.78	



MILCOR EAVES TROUGH

LAP JOINT—DOUBLE BEAD

UR automatic machines make every length of Milcor Lap Joint, Double Bead Eaves Trough perfectly half round, uniform and straight.

Many people prefer this type of eaves trough because the double bead acts as a reinforcement and makes the trough stronger. Never made lighter than No. 28 gauge galvanized metal, and only prime galvanized sheets are used in manufacturing. Also made of Pure ANACONDA Copper.

Made in 10 foot lengths. Shipped in strong wood crates, 250 feet to the crate.

LIST PRICES PER LINEAR FOOT

Write for dealers' discounts or use the latest Milcor Net Price Book. Copies sent on request.



State size, gauge and metal wanted. Furnished in galvanized Sheet Steel unless otherwise ordered.

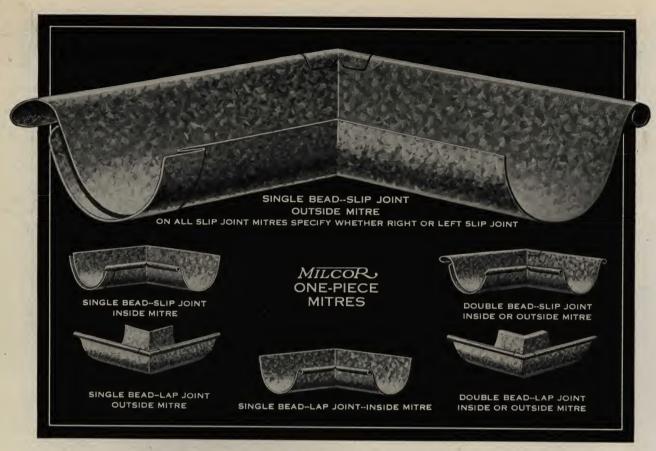
SIZES	31/2"	4"	5"	6"	7"	8"
28 Gauge	.23	.25	.27	.33	.39	.50
26 Gauge	.28	.30	.32	.40	.50	.60
24 Gauge		.44	.45	.55	.60	.70

The best rain conductor system is the one assuring you maximum protection at minimum upkeep cost.

	MADE FROM -	
COLD	ANACONDA PURE COPPER	LASTS FOREVER

Pure Copper will solve the maintenance problem, for it will never have to be repaired or replaced.

SIZES	4"	5"	6"	7"	8"	
14 Oz	.37	.40	.50	.57	.65	
16 Oz	.40	.45	.55	.64	.75	



MILCOR ONE-PIECE MITRES

RACH of these mitres—except the 7 inch size—is stamped from a single piece of heavy terne coated material. There is no solder to come loose and the galvanizing coat is not injured in manufacture, for it is applied after formation. This gives each mitre a double coating for protection against rust.

When ordering mitres, state whether right or

left-hand slips are wanted and whether for inside or outside corners, otherwise half right and half left, half inside and half outside will be supplied.

List prices are the same for inside and outside mitres. State size, gauge and metal wanted. Furnished in galvanized Sheet Steel unless other-

wise ordered.

Shipped in heavy cartons. $3\frac{1}{2}$, 4 and 5 inch sizes packed 5 dozen to the carton. 6 inch size, $2\frac{1}{2}$ dozen to the carton.

TERNES GALVANIZED AFTER FORMED

Note the reinforced corner on these One-Piece Mitres. This adds additional strength and durability.

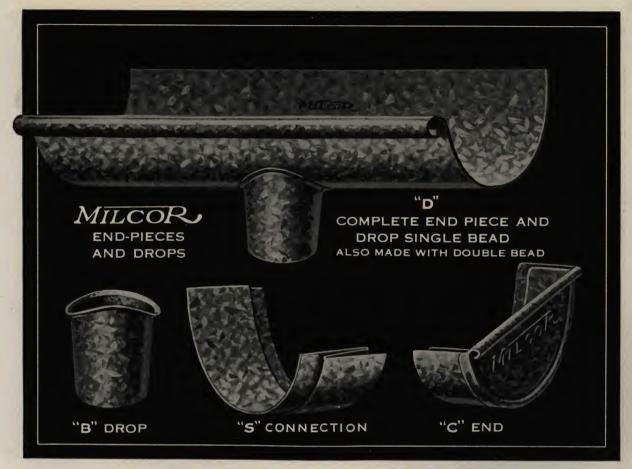
	SINGLE BEAD—SLIP JOINT					DOUBL	E BEAD-	-SLIP J	OINT		
SIZES	$3\frac{1}{2}$ in.	4 in.	5 in.	6 in.	7 in.	SIZES	3½ in.	4 in.	5 in.	6 in.	7 in.
Nos. 28, 26, or 24 Ga.	\$10.50	\$11.00	\$12.25	\$14.75	\$18.75	Nos. 28, 26, or 24 Ga.	\$13.50	\$14.00	\$15.25	\$17.75	\$21.75
	SINGLI	E BEAD-	-LAP JO	INT			DOUBL	E BEAD	-LAP JO	DINT	
SIZES	$3\frac{1}{2}$ in.	4 in.	5 in.	6 in.	7 in.	SIZES	3½ in.	4 in.	5 in.	6 in.	7 in.
Nos. 28, 26, or 24 Ga.	\$ 7.50	\$ 8.00	\$ 9.25	\$11.75	\$15.75	Nos. 28, 26, or 24 Ga.	\$10.50	\$11.00	\$12.25	\$14.75	\$18.75

MADE FROM

ROLLED ANACONDA PURE COPPER

LASTS FOREVER

	SINGLI	E BEAD-	-SLIP JO	DINT		DOUBLE BEAD—SLIP JOINT							
SIZES	$3\frac{1}{2}$ in.	4 in.	5 in.	6 in.	7 in.	SIZES	3½ in.	4 in.	5 in.	6 in.	7 in.		
14 or 16 oz.	\$13.80	\$14.40	\$16.20	\$23.04	14 or 16 oz.	\$16.80	\$17.40	\$19.20	\$26.04	\$31.80			
		E BEAD-						E BEAD-					
14 or 16 oz.	\$10.80	\$11.40	\$13.20	\$20.04	\$25.80	14 or 16 oz.	\$13.80	\$14.40	\$16.20	\$23.04	\$28.80		



MILCOR ENDS AND DROPS

MILCOR Ends and Drops are double seamed, not soldered. They cannot leak or come apart. These end pieces are the best made; they are neat in appearance and unequalled for strength.

Packed in heavy cardboard cartons. 31/2 and 4

inch D-Ends with 2 inch drop, packed 10 dozen per carton. 4 inch with 3 inch drop and larger sizes, packed 5 dozen per carton. C-Ends, 3½ 4 and 5 inch, 20 dozen per carton. Larger sizes, 10 dozen per carton.

LIST PRICES PER DOZEN

State size, gauge and metal wanted. Furnished in galvanized Sheet Steel unless otherwise ordered.

SHEET



COPPERED

No solder used in formation. A smooth, perfectly made product.

SI	ZES	2 In.	3 In.	3½ In.	4 In.	5 In.	6 In.	7 In.
Nos. 28, 26 or	D-Ends Sing. Bd.	\$	\$	\$3.40	\$3.70	\$4.25	\$4.90	\$5.50
24 Gauge D-Ends Dbl. Bo				4.15	4.35	4.90	5.60	6.45
B-Drops Only		1.20	1.45		1.80	2.35	2.90	
	C-Ends Only			1.80	1.90	2.00	2.40	2.90
1	S-Slip Joints			1.15	1.25	1.35	1.70	1.90

MADE FROM

Once Pure Anaconda Copper is applied, you can forget it, for it never wears out.

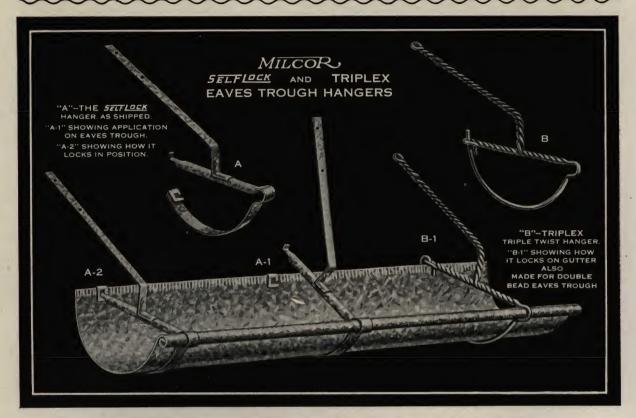
COLD ANACONDA PURE L' COPPE

LASTS FOREVER Copper rain carrying equipment installed 125 years ago is still in service.

	SIZES	2 In.	3 In.	3½ In.	4 In.	5 In.	6 In.	7 In.
14 or	D-Ends Sing. Bd.	\$	\$	\$11.40	\$12.60	\$13.20	\$15.60	\$19.20
16 Ounce	D-Ends Dbl. Bd.			14.40	15.60	16.20	18.60	22.20
	B-Drops Only	3.60	4.80		6.00	7.20	8.40	
	C-Ends Only			4.80	4.80	6.00	6.60	7.80

MILCOR.

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



MILCOR, SELFLOCK HANGERS

FOR SINGLE BEAD EAVES TROUGH Made of Steel, Tinned after Formed

HE famous Milcor Selflock Eaves Trough Hanger is made of strap Steel. The stem is spot welded to the cross bar and the whole hanger tinned after being formed.

This hanger will support a weight of 50 lbs. It

is simple in construction and easy to apply. Simply slip the hanger around the trough and depress the cross bar under and into the locking catch; then nail the stem to the roof and the eaves trough is securely hung.

LIST PRICES PER GROSS

SIZES	$3\frac{1}{2}$ In.	4 In.	5 In.
Manufactured in Single Bead Style Only	\$6.50	\$6.50	\$7.00
Packed 90-7 inch stems, 36-9 inch stems, and 18-11 inch stems	ms to the gross. If a	all 11 inch stems are	wanted, add \$1.00 per

gross. If all 9 inch stems are wanted, add \$.50 per gross. Single bead only. Packed one gross in box.

MILCOR TRIPLEX HANGERS

For Single or Double Bead Eaves Trough Made from Heavy Galvanized Wire

ILCOR Triplex Eaves Trough Hangers are made of heavy galvanized wire, triple twisted, for both single and double bead eaves trough.

Strong yet simple in construction. apply: place the hanger around the eaves trough; run the wire end through the loop in the cross piece; clinch it, and the eaves trough is ready to attach to the roof.

LIST PRICES PER GROSS

SIZES	3½ In.	4 In.	5 In.	6 In.	7 In.	8 In.
Single Bead	\$2.75	\$2.75	\$3.00	\$3.50	\$4.00	\$4.50
Double Bead	3.00	3.00	3.25	3.75	4.25	4.75

Packed 96-8 inch stems and 48-10 inch stems to the gross. If all 10 inch stems are wanted add \$.50 per gross.



MILCOR "TITELOGK" HANGERS For Single Bead Eaves Trough Made of Galvanized Steel

The Milcor "Titelock" is the very LATEST Eaves Trough Hanger on the market. It has many advantageous features that make it superior to any other type of Hanger. It is easily and speedily applied. The strap is bent around the trough, inserted through the slot and tightened into position. Only a pair of pliers is necessary to apply the "Titelock" Hangers. The stem can be bent to fit the angle of the roof.

"Titelock" Eaves Trough Hangers are made entirely of galvanized steel. The rib formed in the cross bar gives these hangers great strength. They are simple in construction, will fit any make of eaves trough and make a neat, good-looking installation. In durability, simplicity, ease of handling and true fitting qualities, they far surpass the wire and other types of Eaves Trough Hangers.

LIST PRICES AND WEIGHTS PER GROSS

SIZES	3½ Inch	4 Inch	5 Inch	6 Inch	7 Inch	8 Inch
PRICE, Single Bead	\$2.75	\$2.75	\$3.00	\$4.00	\$4.50	\$5.00
WEIGHTS	31 lbs.	32 lbs.	37 lbs.	64 lbs.	70 lbs.	77 lbs.

Sizes 3½, 4 and 5-inch made from 16 Ga., ½" galvanized steel, packed 96-8" stems and 48-10" stems to the gross; 6, 7 and 8-inch made from 14 Ga., ¾" galvanized steel, packed 96-9" stems and 48-12" stems to the gross.

Also Made in ANACONDA Pure Copper

LIST PRICES AND WEIGHTS PER GROSS

SIZES	3½ lnch	4 Inch	5 Inch	6 Inch	7 Inch	8 Inch
PRICE, Single Bead	\$18.00	\$20.00	\$22.00	\$40.00	\$44 00	\$48.00
WEIGHTS	34 lbs.	36 lbs.	40 lbs.	70 lbs.	77 lbs.	85 lbs.

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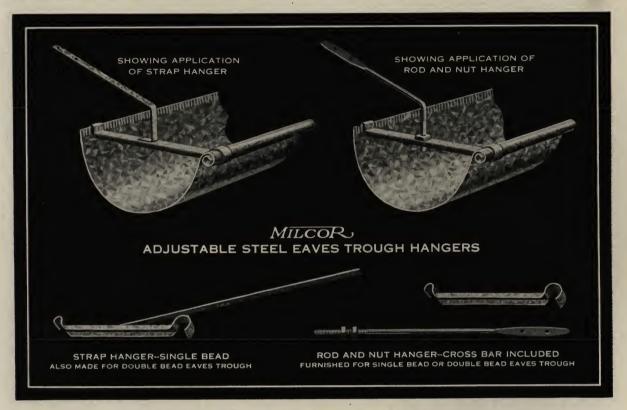
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BUILDING TECHNOLOGY HERITAGE LIBRARY

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From the collection of:

Alan O'Bright



MILCOR Galvanized Steel Adjustable Eaves Trough Hangers

For Single or Double Bead Eaves Trough

MILCOR Adjustable Steel Eaves Trough Hangers are made in the rod and nut style and the riveted strap style for single bead or double bead eaves trough. The stems can be bent and adjusted to any angle. The Strap Hangers are made entirely of heavy galvanized steel. On the Rod and Nut Hangers, the rods are made of

black rod steel and the cross bars of galvanized steel-Strap Hangers are packed 96-9 inch stems and 48-11 inch stems to the gross. Rod and Nut Hangers are packed 90-7 inch stems, 36-9 inch stems and 18-11 inch stems to the gross. If all long stems are wanted, add \$1.50 per gross; if all short stems, add \$.50 per gross.

LIST PRICES PER GROSS

SIZES	3½ In.	4 In.	5 In.	6 In.	7 In.	8 In.
Hangers with Straps Riveted on Cross Bars, Single Bead	\$ 7.90	\$ 8.50	\$ 9.10	\$10.20	\$12.40	\$16.90
Hangers with Straps Riveted on Cross Bars, Double Bead	8.50	9.10	9.70	10.80	13.00	17.50
Hangers with Rods & Nuts complete, Single Bead	9.60	10.10	10.70	11.80	14.10	18.60
Hangers with Rods & Nuts complete, Double Bead	10.20	10.70	11.30	12.40	14.70	19.20
Galvanized Cross Bars Only		6.80	7.30	8.30	10.70	14.10

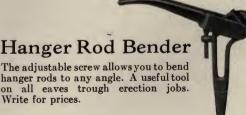
Hanger Tongs

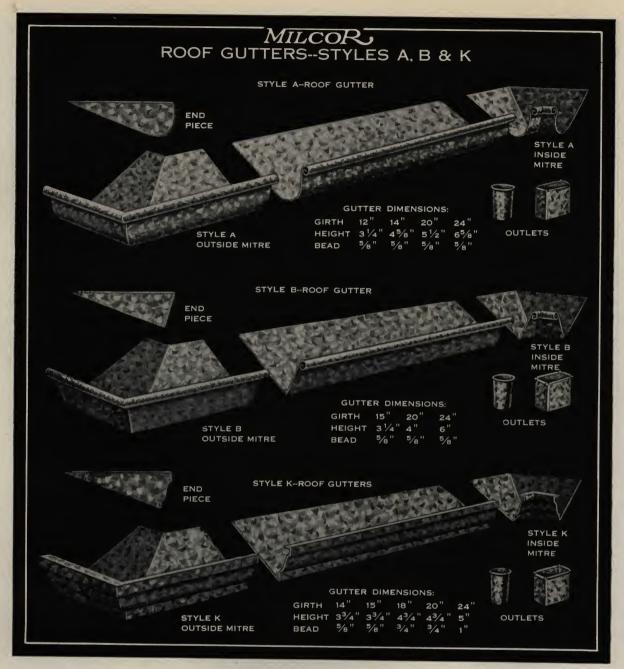


A handy tool for clinching hangers to eaves trough. Useful for many other purposes.

Hanger Rod Bender

on all eaves trough erection jobs. Write for prices.





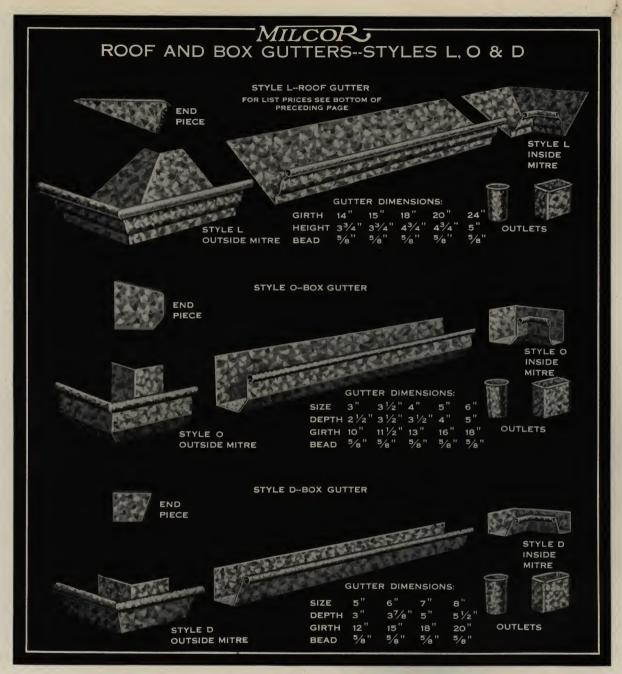
List Prices: Styles A, B & K Roof Gutters, Mitres, Ends and Outlets.

See page 20 for additional information on Style Roof Gutters, Mitres, Ends and Outlets. Style Gutter crated 250 feet to the crate.



Style A furnished in 10 foot lengths. Styles B & K furnished in 10 or 12 foot lengths, with back of trough same height as bead-side unless high backs are specified.

										P				
GUTTERS:	Girth	10"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	28"	30"
List Prices	No. 28 Ga.	\$.20	\$.25	\$.29	\$.32	\$.35	\$.38	\$.42	\$.48	\$.60	\$.65	\$.70	\$.75	\$.80
per Foot	No. 26 Ga.	.24	.31	.36	.40	.43	.46	.50	.58	.65	.70	.75	.80	.90
-	No. 24 Ga.	.34	.40	.45	.50	.53	.56	.60	.68	.75	.80	.90	1.00	1.10
MIMPING	Girth	10"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	28"	-30"
MITRES: List Prices	No. 28 Ga.	\$.80	\$1.00	\$1.16	\$1.28	\$1.40	\$1.52	\$1.68	\$1.92	\$2.40	\$2.60	\$2.80	\$3.00	\$3.20
Each	No. 26 Ga.	.96	1.24	1.44	1.60	1.72	1.84	2.00	2.32	2.60	2.80	3.00	3.20	3.60
	No. 24 Ga.	1.36	1.60	1.80	2.00	2.12	2.24	2.40	2.72	3.00	3.20	3.60	4.00	4.40
ENDS		. List	Price F	Cach		28 Ga	a. \$.50		26 (a. \$.60	1	94	Ga. \$.7	
OUTLETS		. List	Price F	Cach			. \$.50			a. \$.60				
	28 Ga. \$.50 26 Ga. \$.60 24 Ga. \$.70													



List Prices: Styles L. O. & D. Gutters, Mitres, Ends and Outlets.

Intermediate girths take list price of next higher girths. See Page 20 for additional information on Style Roof Gutters.

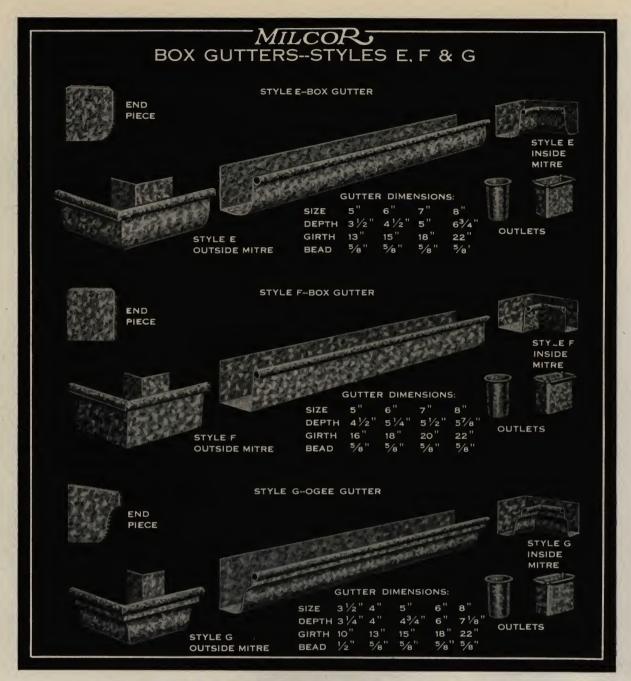






Furnished in 10 or 12 foot lengths with back of trough same height as bead-side unless special high backs are specified.

GUTTERS:	Girth	10"	12"	13"	14"	15"	16"	18"	20"	122"	24"	26"	28"	30"
List Prices	No. 28 Ga.	\$.20	\$.25	\$.29	\$.32	\$.35	\$.38	\$.42	\$.48	\$.60	\$.65	\$.70	\$.75	\$.80
per Foot	No. 26 Ga.	.24	.31	.36	.40	.43	.46	.50	.58	.65	.70	.75	.80	.90
	No. 24 Ga.	.34	.40	.45	.50	.53	.56	.60	.68	.75	.80	.90	1.00	1.10
	Girth	10"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	28"	30"
MITRES:	No. 28 Ga.	\$.80	\$1.00	\$1.16	\$1.28	\$1.40	\$1.52	\$1.68	\$1.92	\$2.40	\$2.60	\$2.80	\$3.00	\$3.20
List Prices	No. 26 Ga.	.96	1.24	1.44	1.60	1.72	1.84	2.00	2.32	2.60	2.80	3.00	3.20	3.60
Each	No. 24 Ga.	1.36	1.60	1.80	2.00	2.12	2.24	2.40	2.72	3.00	3.20	3.60	4.00	4.40
ENDS List Price Each 28 Ga. \$.50 26 Ga. \$.60 24 Ga. \$.70														
OUTLETS	28 G	a. \$.50		26 (Ga. \$.60		24	Ga. \$.7	0					



List Prices: Styles E, F & G Roof Gutters, Mitres, Ends and Outlets.

Furnished in 10 or 12 foot lengths with back of trough same height as bead-side unless special high backs are specified.

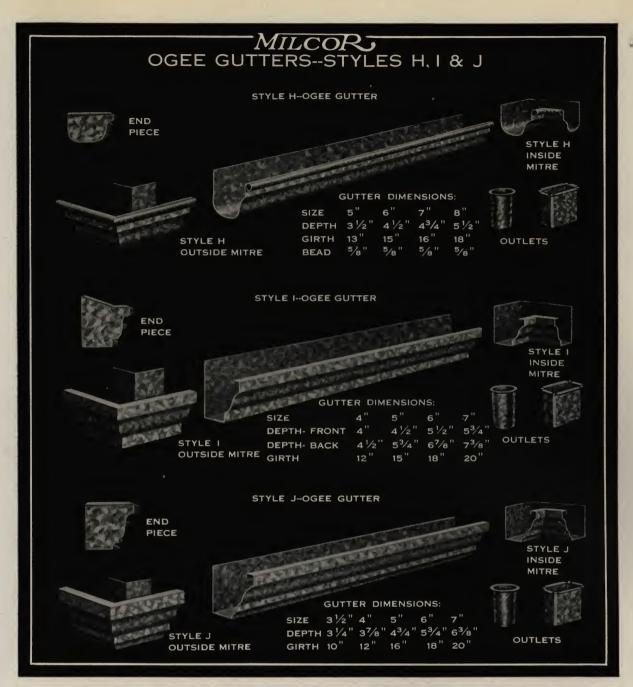




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Intermediate girths take same list price as next higher girths. See page 20 for additional information on style Roof Gutters.

G.V.MMP.D.C	Girth	10"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	28"	30"
GUTTERS: List Prices	No. 28 Ga.	\$.20	\$.25	\$.29	\$.32	\$.35	\$.38	\$.42	\$.48	\$.60	\$.65	\$.70	\$.75	\$.80
per Foot	No. 26 Ga.	.24	.31	.36	.40	.43	.46	.50	.58	.65	.70	.75	.80	.90
	No. 24 Ga.	.34	.40	.45	.50	.53	.56	.60	.68	.75	.80	.90	1.00	1.10
MATERIA	Girth	10"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	28"	30"
MITRES: List Prices	No. 28 Ga.	\$.80	\$1.00	\$1.16	\$1.28	\$1.40	\$1.52	\$1.68	\$1.92	\$2.40	\$2.60	\$2.80	\$3.00	\$3.20
Each	No. 26 Ga.	.96	1.24	1.44	.1.60	1.72	1.84	2.00	2.32	2.60	2.80	3.00	3.20	3.60
	No. 24 Ga.	1.36	1.60	1.80	2.00	2.12	2.24	2.40	2.72	3.00	3.20	3.60	4.00	4.40
ENDS List Price Each 28 Ga. \$.50 26 Ga. \$.60 24 Ga. \$.70														
OUTLETS		List	Price 1	Each		28 G	a. \$.50		26 (Ga. \$.60		24	Ga. \$.7	0



List Prices: Styles H, I & J Roof Gutters, Mitres, Ends and Outlets.

Intermediate girths take same list price as next higher girths. See Page 20 for additional information on Roof Gutters.

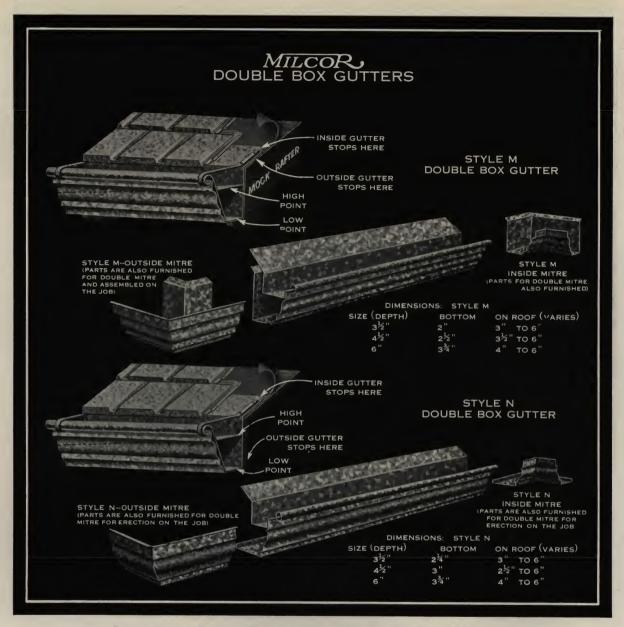






Furnished in 10 or 12 foot lengths with back of trough same height as bead-side unless special high backs are specified.

	Girth	10"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	28"	30"
GUTTERS:	No. 28 Ga.	\$.20	\$.25	\$.29	\$.32	\$.35	\$.38	\$.42	\$.48	\$.60	\$.65	\$.70	\$.75	\$.80
List Prices per Foot	No. 26 Ga.	.24	.31	.36	.40	.43	.46	.50	.58	.65	.70	.75	.80	.90
	No. 24 Ga.	.34	.40	.45	.50	.53	.56	.60	.68	.75	.80	.90	1.00	1.10
	Girth	10"	12"	13"	14"	15"	16"	18"	20"	22"	24"	26"	28"	30"
MITRES:	No. 28 Ga.	\$.80	\$1.00	\$1.16	\$1.28	\$1.40	\$1.52	\$1.68	\$1.92	\$2.40	\$2.60	\$2.80	\$3.00	\$3.20
List Prices Each	No. 26 Ga.	.96	1.24	1.44	1.60	1.72	1.84	2.00	2.32	2.60	2.80	3.00	3.20	3.60
	No. 24 Ga.	1.36	1.60	1.80	2.00	2.12	2.24	2.40	2.72	3.00	3.20	3.60	4.00	4.40
ENDS		List	Price 1	Each		No. 28	Ga. \$.5	0	No. 2	6 Ga. \$.60	No.	24 Ga.	3.70
OUTLETS		List	Price !	Each		No. 28	Ga. \$.5	0	No. 2	6 Ga. \$.60	No.	24 Ga.	\$.70



List Prices: Double Box Gutters, Mitres, Ends and Outlets.

When ordering mitres specify inside or outside. Special sizes of Double Box Gutters made to order; prices on request.

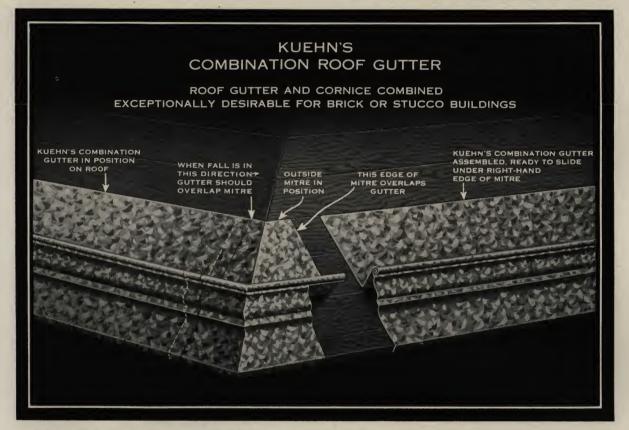




COPPERED

Packed in special crates furnished at cost. See Page 20 for additional information on Double Box Gutters.

STYLE M GUTTERS List Prices Per Foot	SIZE (Depth) No. 28 Ga. No. 26 Ga. No. 24 Ga.	3½ inch \$.26 .29 .36	$ \begin{array}{c c} 4\frac{1}{2} & \text{inch} \\ \hline & 32 \\ \hline & .36 \\ \hline & .45 \end{array} $	6 inch \$.42 .50 .60	STYLE M MITRES List Prices Each	SIZE (Depth) No. 28 Ga. No. 26 Ga. No. 24 Ga.	3½ inch \$3.12 3.48 4.32	$ \begin{array}{r} $	\$5.04 6.00 7.20
STYLE N	SIZE (Depth)	$3\frac{1}{2}$ inch	4½ inch	6 inch	STYLE N	SIZE (Depth)	$3\frac{1}{2}$ inch	4½ inch	6 inch
GUTTERS	No. 28 Ga.	\$.24	\$.28	\$.36	MITRES	No. 28 Ga.	\$2.88	\$3.36	\$4.32
List Prices	No. 26 Ga.	.27	.32	.41	List Prices	No. 26 Ga.	3.24	3.84	4.92
Per Foot	No. 24 Ga.	.33	.39	.51	Each	No. 24 Ga.	3.96	4.68	6.12
ENDS		List Price	Each	. No. 2	8 Ga. \$.50	No. 26 Ga. 8	8 .60	No. 24 Ga.	\$.70
OUTLETS		List Price	Each	. No. 2	8 Ga. \$.50	No. 26 Ga. 8	8 .60	No. 24 Ga	. \$.70



KUEHN'S COMBINATION ROOF GUTTERS

A PRACTICAL and ornamental roof gutter and cornice combined. It is easily nailed to the roof with the shingles or other roofing and does away with all stays, hangers and braces.

Kuehn's Combination Roof Gutter makes the

eaves trough an ornament to the building and provides a neat cornice trimming. It can be adjusted to any required fall.

Intermediate girths take the list price of the next higher girth. Be sure to give full specifications when ordering.

LIST PRICES PER LINEAR FOOT

When ordering Mitres state whether for inside or outside corners. Also give pitch of roof.





COPPERED

Always state size, gauge and metal wanted. Furnished in galvanized Sheet Steel unless otherwise specified.

	Girth	Face Apron	Depth	Gutter Apron	No. 28 Ga.	No. 26 Ga.	No. 24 Ga.
	18 in.	1½ inch	2½ in.	8 inch	\$.42	\$.50	\$.60
GUTTERS	20 in.	13/4 inch	23/4 in.	8½ inch	.48	.58	.68
List Prices Per Foot	24 in.	3 inch	3½ in.	103/4 inch	.65	.70	.80
Ter root	28 in.	5 inch	3½ in.	103/4 inch	.75	.80	1.00
	30 in.	6 inch	4½ in.	12 inch	.80	.90	1.10
	Girth	Face Apron	Depth	Gutter Apron	No. 28 Ga.	No. 26 Ga.	No. 24 Ga.
MITRES	18 in.	1¼ inch	2½ in.	8 inch	\$1.68	\$2.00	\$2.40
List Prices	20 in.	13/4 inch	23/4 in.	8½ inch	1.92	2.32	2.72
Each	24 in.	3 inch	3½ in.	103/4 inch	2.60	2.80	3.20
	28 in.	5 inch	3½ in.	103/4 inch	3.00	3.20	4.00
	30 in.	6 inch	4½ in.	12 inch	3.20	3.60	4.40
ENDS List Price Each 28 Ga. \$.50 26 Ga. \$.60 24 Ga. \$.70						Ga. \$.70	
OUTLETS		st Price Each		a. \$.50	26 Ga. \$.60	24	Ga. \$.70

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



Roof and Box Gutter Hangers and Brackets

Galvanized Gutter Brackets Made From Galvanized Steel LIST PRICES PER DOZEN: No. 1, \$1.20 No. 2, \$2.20

Galvanized Roof and Box Gutter Hangers Made from Galvanized Steel LIST PRICE EACH—Both Styles of Hangers 10 inch, \$0.12; 12 inch, \$0.13; 14 inch, \$0.14; 16 inch, \$0.15

Additional Data on Roof Gutters

A LL styles of Milcor Roof Gutters are made with a 5% inch bead unless otherwise ordered. Special high back roof gutters are furnished in all styles when specified.

Milcor Roof Gutters are never made of material lighter than No. 28 gauge. Lighter material does not give satisfactory service; therefore we recommend No. 28 gauge or heavier.

We also manufacture all styles of roof gutters

from 14 or 16 ounce cold rolled ANACONDA COPPER. Write for prices.

Sizes for girths shown are standard. We also make up intermediate girths to order. When ordering roof gutter mitres, state whether inside or outside corners are wanted.

Send for the Milcor Net Price Book for the latest net prices on these items.

Double Box Gutters

Milcor Double Box Gutters are made up to order. The outer part of the Double Box Gutter is level; the inside false bottom is pitched to carry the water. When ordering, send plans or

sketches showing exact location of downspouts, so that the inside gutter may be pitched properly. Prices quoted when specifications are furnished.



MILCOR Ornamental Conductor Heads and Bands.

ILCOR Ornamental Conductor Heads, Bands and Band Ends are made for either round or square Conductor Pipe and are furnished in galvanized Sheet Steel, galvanized "Coppered Metal", galvanized ARMCO Ingot Iron, Pure Zinc or Pure ANACONDA Copper.

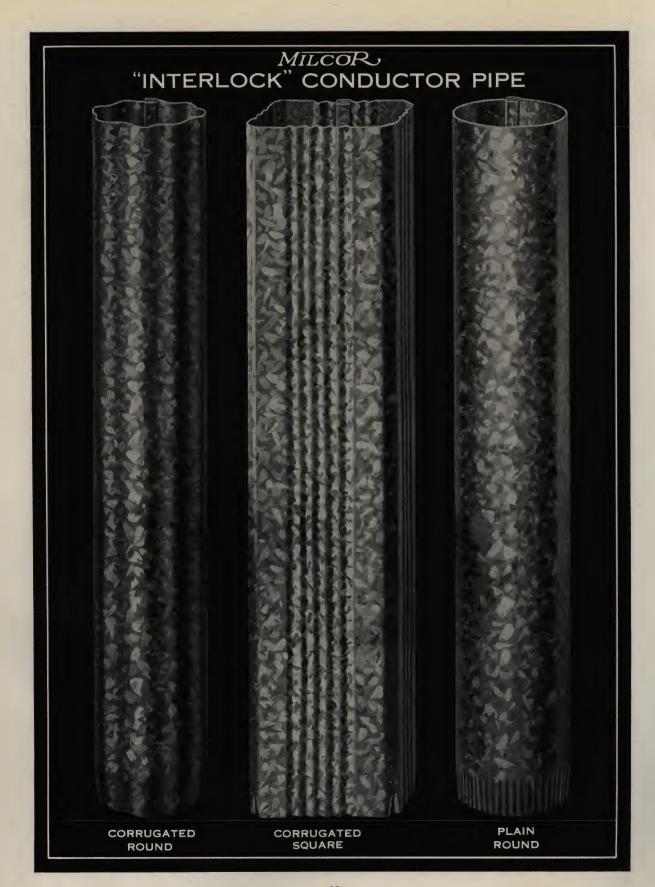
The One Piece Adjustable Bands, Styles A and B, are furnished in Zinc or Copper, only. Style "A" can be used for either round or square conductor pipe. Style "B" is

Style C Heads for Round or Square Pipe with or without overflow. Style D Heads for Round or Square Pipe 2", 3", 4", and 5" Style E Heads for Round or Square Pipe 2", 3", 4", and 5" Style F Heads for Round or Square Pipe 3", 4", 5", and 6" Style G Heads for Round or Square Pipe 3", 4", 5", and 6"

made for square pipe only. Both styles permit adjustment made for square pipe only. Both styles permit adjustment to varying distances of space between the conductor and wall of building; When using Style B, the tinsmith simply slits the edges of the band and bends it at the desired points, after determining the width and depth required. Complete details and prices on request. These highly practical, artistic, efficient, economical, Adjustable Bands are becoming exceedingly popular.

Style D Ornamental Bands can be made for Round or Square Pipe of

any size. Style O Panelled Bands can be used for Round or Square Pipe of any size No. 3027 Conductor Band ENDS are 4½x4½ inches each No. 3052 Conductor Band ENDS are 5x6 inches each



Conductor Pipe

. . Also termed Rain Pipe, Leaders, or Downspouts . . .



ILCOR "Interlock" Conductor Pipe is made in the three styles shown on the opposite page from galvanized Sheet Steel, galvanized Coppered Metal, galvanized ARMCO Ingot Iron or Pure ANACONDA Copper.

Made on Milcor patented automatic machinery designed and manufactured in our own machine shops. Precisely straight, uniform lengths of conductor pipe are turned out. The machines shape the pipe, form the "Interlock" and seam it under pressure in one operation. The Milcor interlocked seam forms a strong, watertight joint. It sets flat on the back of the pipe.

"Interlock" Conductor Pipe is made from material no lighter than No. 28 gauge. This assures you of a strong, long lasting product.

LIST PRICES PER LINEAR FOOT

Made in 10 ft. lengths. Crated 250 ft. to the crate. Also shipped nested 500 ft. to the crate.





COPPERED

State size, gauge and metal wanted. Made of galvanized sheet steel unless otherwise specified.

CORRUGATED	SIZES	2 inch	3 inch	4 inch	5 inch	6 inch
ROUND	No. 28 Ga.	\$.18	\$.20	\$.28	\$.39	\$.50
INTERLOCK	No. 26 Ga.	.23	.24	.34	.46	.58
CONDUCTOR PIPE	No. 24 Ga.	.33	.34	.46	.60	.72
PLAIN ROUND	No. 28 Ga.	.18	.20	.28	.39	.50
INTERLOCK	No. 26 Ga.	.23	.24	.34	.46	.58
CONDUCTOR PIPE	No. 24 Ga.	.33	.34	.46	.60	.72
CORRUGATED	DIMENSIONS	13/4x21/4 in.	23/8x31/4 in.	23/4x41/4 in.	33/4x5 in.	=
SQUARE	No. 28 Ga.	.23	.24	.31	.42	
INTERLOCK	No. 26 Ga.	.29	.30	.38	.50	
CONDUCTOR PIPE	No. 24 Ga.		.40	.50	.65	

Ananaconda Copper rain carrying system combines distinctiveness with permanent protection.

COLD ANACONDA LASTS FOREVER

Pure Copper is the one unfailing protection against rust and decay.

CORRUGATED	SIZES	2 inch	3 inch	4 inch	5 inch	6 inch
AND PLAIN ROUND	14 oz.	\$.27	\$.33	\$.47	\$.63	\$.80
INTERLOCK	16 oz.	.30	.36	.51	.69	.90
CONDUCTOR PIPE	,					-01
CORRUGATED SQUARE	DIMENSIONS	13/4x21/4 in.	23/8x31/4 in.	23/4x41/4 in.	3¾x5 in.	
INTERLOCK	14 oz.	.28	.37	.49	.65	
CONDUCTOR PIPE	16 oz.	.31	.40	.53	.75	

MILCOR-Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



MILCOR, CONDUCTOR PIPE ELBOWS

Corrugated Round

ACH Milcor Corrugated Round Conductor I Pipe Elbow is made from a single piece of terne coated material and galvanized after formed. The galvanizing process makes them double coated, affording double protection against rust.

Also made of Pure Zinc and Pure ANACONDA Copper.

These elbows are uniformly accurate in size and shape and are designed to fit perfectly with Milcor Interlock Conductor Pipe.

LIST PRICES PER DOZEN MADE FROM

Packed carefully in strong fibre cartons. Quantities and weights per carton furnished on request.

OR TERNES GALVANIZED AFTER FORMED

State size, gauge and metal wanted. Furnished in Galvanized sheet steel unless otherwise specified.

SIZES	2 inch	3 inch	4 inch	5 inch	6 inch
Elbows	\$ 3.60	\$ 4.32	\$ 7.20	\$15.00	\$18.00
Shoes	4.80	5.76	9.00	18.00	21.60

Special scientific processes eliminate the impurities from ARMCO Ingot Iron. PURE IRON

MADE FROM

RUST The durability of ARMCO Ingot Iron recommends it for rain RESISTING carrying equipment. TERNES GALVANIZED AFTER FORMED

SIZES	2 inch	3 inch	4 inch	5 inch	6 inch
Elbows	\$ 4.80	\$ 5.76	\$ 9.00	\$17.40	\$21.00
Shoes	6.00	7.20	10.80	19.80	24.00

MADE FROM

For permanent rain carrying equipment, use Pure ANA-CONDA Copper. It never wears out.

ANACONDA PURE COPPEI COLD FOREVER The additional cost is more than offset by the increased length of service. Copper never has to be replaced.

14	Elbows	\$ 8.40	\$10.80	\$16.20	\$24.00	\$34.20
oz.	Shoes	9.00	12.00	18.00	27.00	37.80
16	Elbows	9.00	12.00	18.00	27.00	37.80
oz.	Shoes	10.20	13.20	19.80	30.00	42.00



MILCOR, CONDUCTOR PIPE ELBOWS

Plain Round

ILCOR One-Piece Plain Round Conductor Pipe Elbows are made of Sheet Steel, ARMCO Ingot Iron, or Coppered Metal Terne coated material. They are galvanized after being formed, giving them a double coating. Milcor Elbows are also made of Pure Zinc or Pure Copper.

Shipped in strong fibre cartons. Quantities and weights per carton of each size sent on request.

LIST PRICES PER DOZEN

Milcor Conductor Pipe Elbows are accurately crimped to the correct angle SHEET OR COPPERED
TERNES GALVANIZED AFTER FORMED

State size, gauge, angle and metal wanted. Furnished in Sheet Steel unless otherwise specified.

SIZES	2 inch	3 inch	4 inch	5 inch	6 inch
Elbows	\$ 3.60	\$ 4.32	\$ 7.20	\$15.00	\$18.00
Shoes	4.80	5.76	9.00	18.00	21.60

ARMCO Ingot Iron carries a pure coating which assures you of long service.

PURE RUST
IRON RESISTING
TERNES GALVANIZED AFTER FORMED

ARMCO is the purest iron made. Its durable qualities recommend it for rain carrying equipment.

SIZES	2 inch	3 inch	4 inch	5 inch	6 inch
Elbows	\$ 4.80	\$ 5.76	\$ 9.00	\$17.40	\$21.00
Shoes	6.00	7.20	10.80	19.80	24.00

An indestructible Milcor Copper rain carrying system gives permanent protection.

COLD ANACONDA LASTS
ROLLED PURE L'OCPPER FOREVER

The additional cost of Milcor Copper Elbows is an investment in permanent service.

14	Elbows	\$ 8.40	\$10.80	\$16.20	\$24.00	\$34.20
oz.	Shoes	9.00	12.00	18.00	27.00	37.80
6	Elbows	9.00	12.00	18.00	27.00	37.80
oz.	Shoes	10.20	13.20	19.80	30.00	42.00

-MILCOR,

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



MILCOR CONDUCTOR PIPE ELBOWS

Corrugated Square—Style A.

ILCOR One-Piece Corrugated Square Conductor Pipe Elbows are noted for their strength and durability. The Style A Elbows are made of one piece of Terne Plate and galvanized after formed—double coated protection.

Also made of Pure Zinc and Pure ANACONDA Copper.

Shipped in strong fibre cartons.

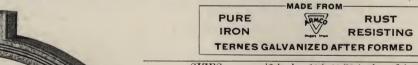
LIST PRICES PER DOZEN

State size, gauge and metal wanted. Furnished in Galvanized Sheet Steel unless otherwise specified.

MADE FROM-OR

COPPERED TERNES GALVANIZED AFTER FORMED Give angle wanted. No. 3 Elbows always furnished when angle is not specified.

SIZES	$2 \operatorname{inch} -1\frac{3}{4} \times 2\frac{1}{4}$	3 inch— $2\frac{3}{8}$ x3 $\frac{1}{4}$	4 inch—23/4 x 4 1/4	5 inch—33/4x5
Elbows	\$ 4.80	\$ 6.00	\$ 7.80	\$12.00
Shoes	6.00	7.20	9.60	15.00



The ARMCO triangle is the sign of quality iron for long lasting rain carrying equipment.

SIZES	2 inch—13/4 x 21/4	3 inch-23/8x31/4	4 inch -23/4 x4 1/4	5 inch-33/4x5
Elbows	\$ 7.20	\$ 8.40	\$10.80	\$16.20
Shoes	9.00	10.20	13.20	19.20

MILCOR Long Sweep Elbows

Made for all sizes of square conductor pipe and curved to any radius. When ordering, give projection of cornice and distance of gutter drop from wall of building.

Milcor Anaconda Copper Elbows never wear out.

MADE FROM ANACONDA PURE COPPER COLD LASTS FOREVER ROLLED

Copper does not require painting or repairing.

	SIZES	2in.—13/4 x21/4	3in.—23/8x31/4	4in23/4 x41/4 5	5 inch—33/4 x5
14	Elbows	10.20	\$13.20	\$19.20	\$28.80
Ounce	Shoes	10.80	14.40	21.60	33.00
16	Elbows	10.80	14.40	21.60	33.00
Ounce	Shoes	12.60	16.20	24.00	36.00



MILCOR CONDUCTOR PIPE ELBOWS

Corrugated Square—Style B

THE one-piece reinforced construction of Milcor Elbows adds strength and makes them the ideal elbow for any rain conductor system. They are double coated—made of

Ternes and they are galvanized after formation. Also made of Pure Zinc and Pure ANACONDA Copper.

Shipped in strong fibre cartons.

LIST PRICES PER DOZEN

State size, gauge and metal wanted. Furnished in Sheet Steel unless otherwise ordered.

EHEE

OR

COPPERED

TERNES GALVANIZED AFTER FORMED

State angle wanted. No. 3 Elbows always furnished when angle is not specified.

SIZES	2 inch-13/4 x21/4	3 inch—23/8x31/4	4 inch—23/4x41/4	5 inch-33/4x5	
Elbows	\$4.80	\$6.00	\$7.80	\$12.00	
Shoes	6.00	7.20	9.60	15.00	

Milcor Rain Carrying Equipment made from ARMCO Ingot Iron gives long and reliable service.

PURE RUST
IRON RESISTING
TERNES GALVANIZED AFTER FORMED

SIZES	2 inch-13/4 x2 1/4	3 inch-23/8x31/4	4 inch-23/4x41/4	5 inch-33/4x5						
Elbows	\$ 7.20	\$ 8.40	\$10.80	\$16.20						
Shoes	9.00	10.20	13.20	19.20						

MADE FROM

Milcor Elbows made of Pure ANACONDA Copper cannot rust.

ROLLED ANACONDA

NDA LASTS

A Copper conductor system is an investment.

	SIZES	$2\text{in.}-13/4\text{x}2\frac{1}{4}$	3in.—23/8x31/4	4in23/4 x41/4	5in.—33/4x5
14	Elbows	\$10.20	\$13.20	\$19.20	\$28.80
Ounce	Shoes	10.80	14.40	21.60	33.00
16	Elbows	10.80	14.40	21.60	33.00
Ounce	Shoes	12.60	16.20	24.00	36.00

Long Sweep Elbows

Milcor Long Sweep Elbows are made for all sizes of square conductor pipe, curved to any radius. When ordering, give projection of cornice and distance of gutter drop from wall of building.

-MILCOR,

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



KUEHN'S KORREKT KUTOFFS

WEHN'S Korrekt Kutoffs are unlike any other cutoff on the market in shape and manufacture. They
are seamed during formation and then galvanized
making them double coated. No solder is used in manufacture. This forms a strong reinforced cutoff which will
give long service. Made from Sheet Steel, Coppered

Metal or ARMCO Ingot Iron Ternes in the round, corrugated round and corrugated square styles to fit these three types of conductor pipe. The cutoff mechanism is simple and will not get out of order. When the lever is pushed down on either side, it locks there; the force of the water cannot change it.

LIST PRICES PER DOZEN

Packed: 2 to 4-inch, 1 doz. per carton; 5 and 6 inch, ½ doz. per carton. Not sold in less than carton lots.





GALVANIZED AFTER FORMATION

State size, gauge and metal wanted. Furnished in Sheet Steel, galvanized, unless otherwise spe-

No. 26 or 28 Ga.	2 inch	3 inch	4 inch	5 inch	6 inch
Corrugated Round	\$ 7.50	\$ 8.00	\$11.00	\$20.00	\$24.00
Plain Round	7.00	8.00	11.00	20.00	24.00
Corrugated Square	16.00	20.00	28.00	48.00	
Corrugated Square	16.00		28.00	48.00	

Also Made From PURE ANACONDA COPPER. Prices on Application





MILCOR Funnels

MILCOR Funnels are made from No. 28 and No. 26 gauge full weight material and galvanized after formation. Made in two piece, double seamed style—no solder used. These funnels save time and labor in erecting rain carrying systems.

Made from galvanized sheet steel, galvanized Coppered metal and galvanized ARMCO Ingot Iron.

LIST PRICES PER DOZEN

	For 2 inch Cond. Pipes	For 3 inch Cond. Pipes	For 4 inch Cond. Pipes
No. 28 Gauge.	\$6.00	\$8.00	\$10.00
No. 26 Gauge.	7.20	9.60	12.00

Young's Cutoffs

This is the famous Young's Patented Combination Strainer and Cut-Off. Made from galvanized steel with woven wire strainer attached on the inside.

This Cut-Off is designed so that sticks, leaves and other trash coming down the rain pipe strike the strainer at an angle and fall out through the side opening.

Made in 3 inch and 4 inch sizes. For prices see our latest Net Price List.

MILCOR Conductor Pipe Strainers

Shown on Opposite Page

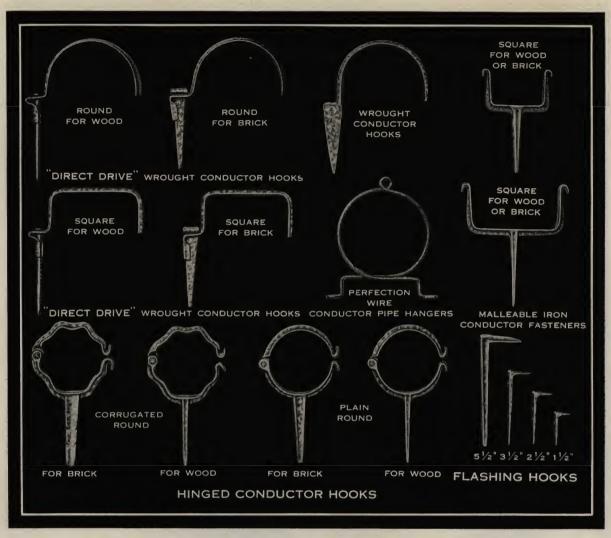
Milcor Conductor Pipe Strainers are made from galvanized or copper wire in the round and square styles to fit round and square conductor pipe. They are long lasting and easily applied. They prevent the rain pipes from clogging and keep rubbish out of the cistern.

LIST PRICES PER DOZEN Made From Heavy Galvanized Wire

Round Strainers—For Round Pipe								rs—For Sq	uare Pipe	.,
SIZES	2 in.	3 in.	4 in.	5 in.	6 in.	SIZES	2 in.	3 in.	4 in.	5 in.
Per DOZ	\$1.50	\$2.10	\$3.00	\$5.00	\$6.00	DIMENSIONS	13/4 x 21/4"	23/8 x 31/4"	23/4 x 41/4" 3	3/4 x5"
				-		Per DOZEN	\$6.80	\$8.80	\$10.00	\$14.00

Made From PURE COPPER Wire

Round Strainers—For Round Pipe								rs-For Sq			
SIZES	2 in.	3 in.	4 in.	5 in.	6 in.	SIZES	2 in.	3 in.	4 in.	5 in.	
Per DOZ	\$5.40	\$7.50	\$10.50	\$14.40	\$19.50	DIMENSIONS	13/4 x 21/4"	23/8 x 31/4"	23/4 x 41/4"	33/4 x 5"	
	Per DOZEN \$8.00 \$10.00 \$18.00 \$24.00										



MILCOR Conductor Pipe Hangers

LIST PRICES PER HUNDRED

DIRECT DRIVE WROUGHT CONDUCTOR HOOKS Steel, Spot Welded and Galvanized After Formed

SIZES	2 inch	2½ inch	3 inch	4 inch	5 inch	6 inch
Round or Square						
For Brick	\$3.00	\$4.00	\$5.00	\$7.00	\$10.00	\$12.00
Round or Square						
For Wood		4.50	5.50	8.50	12.00	15.00

WROUGHT CONDUCTOR HOOKS For Brick and Stone

Made of Steel, Galvanized After Formed								
SIZES	2 inch	3 inch	4 inch	5 inch	6 inch	7 inch	8 inch	
Price Per 100	\$6.00	\$7.50	\$11.00	\$12.00	\$13.00	\$14.00	\$15.00	

HINGED CONDUCTOR HOOKS Made of Steel. Tinned After Formed

SIZE	2 inch	3 inch	4 inch	5 inch	6 inch	
Corrugated	For Wood	\$8.65	\$11.40	\$17.50	\$20.75	\$28.50
Round	For Brick	9.50	12.30	17.50	21.80	29.40
Plain	For Wood	7.75	10.40	13.60		
Round	For Brick	9.20	11.80	13.80	22.80	30.00

MALLEABLE IRON CONDUCTOR FASTENERS Made of Steel, Tinned After Formed

 SIZES
 2 inch
 3 inch
 4 inch
 5 inch
 6 inch

 Square For Brick or Wood
 \$5.80
 \$8.80
 \$10.80
 \$13.20
 \$16.80

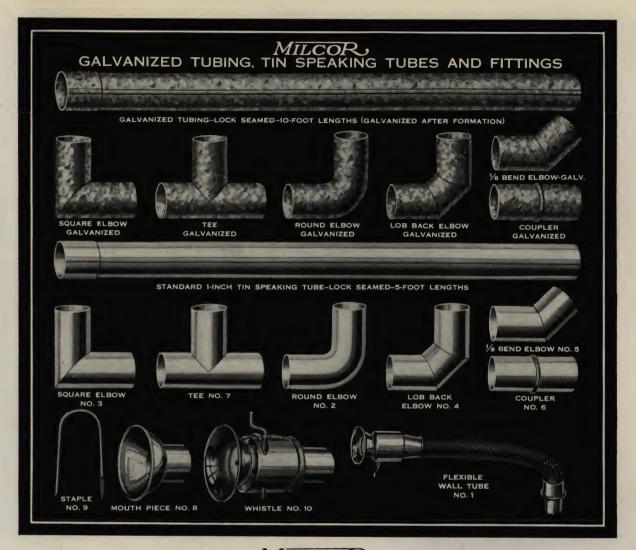
PERFECTION WIRE CONDUCTOR PIPE HANGERS Made of Galvanized Steel Wire

SIZES	5 inch	6 inch			
Gauge of Wire	12	11	10	9	8
Price Per 100	\$1.50	\$2.00	\$3.00	\$3.50	\$4.00

MILCOR FLASHING HOOKS

Made of Steel, Galvanized After Formed

١					
	SIZES	$1\frac{1}{2}$ inch	21/2 inch	3½ inch	$5\frac{1}{2}$ inch
l	Price Per 100	\$.95	\$1.60	\$2.40	\$5.00

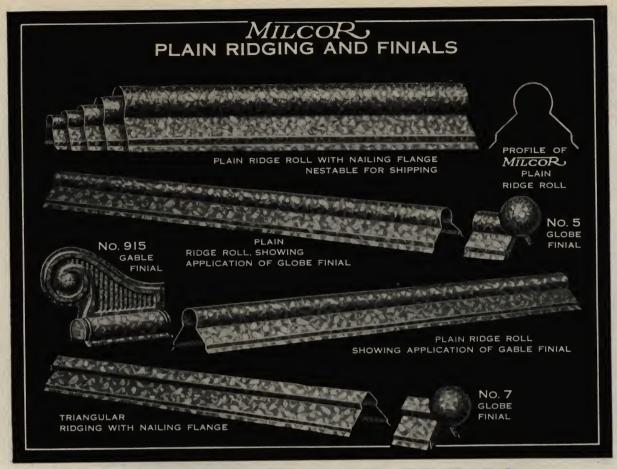


MILCOR Galvanized Tubing and Fittings Made From Ternes Galvanized After Formed LIST PRICES

SIZE	TUBING	SQ. ELBOWS	ROUND ELBOWS	TEE JOINTS
1 inch	\$.10 per ft.	\$.12 each	\$.22 each	\$.32 each
11/8 inch	.11 " "	.18 "	.25 "	.35 "
11/4 inch	.12 " "	.18 "	.25 "	.35 ''
1½ inch	.13 " "	.18 "	.25 "	.40 "
2 inch	.13 " "	.18 "	.25 "	.48 "

MILCOR Speaking Tubes and Fittings Made From Bright Tin LIST PRICES

No.	No.
Tin Speaking Tube \$0.03 per ft. 1 2-Foot Flexible Wall Tube, complete 2.00 each Each additional foot 30 2 Tin Stamped Elbows 06 each 3 Tin Square Elbows 028 each 4 Tin Lob Back Elbows 04 each 5 Tin ½ Bend Elbows 028 each 6 Tin Couplers 02 each	7 Tin Tees .07 each 8 Porcelain Mouth Pieces 1.00 per doz. 8 All Nickel Mouth Pieces 2.00 per doz. 9 Staples .40 per lb. 10 Porcelain Indicator Whistles 2.00 per doz. 10 Porcelain Plain Whistles 2.00 per doz. 10 All Nickel Indicator Whistles 2.80 per doz. 10 All Nickel Plain Whistles 2.80 per doz.



MILCOR RIDGING AND FINIALS

RIDGING LIST PRICES PER LINEAR FOOT

All above ridgings take same list prices. Shipped nested, 250 feet to the crate. Also bundled as ordered. SHEET ARMCO INGOT IRON COPPERED METAL

COLD ANACONDA LASTS
ROLLED PURE L'S COPPER

FOREVER

State size, gauge and metal wanted. Furnished in galvanized Sheet Steel unless otherwise ordered.

7 inch	8 inch	10 inch	12 inch	14 inch
1¼ inch	1½ inch	2 inch	21/2 inch	3 inch
\$.15	\$.17	\$.19	\$.24	\$.30
.16	.18	.20	.25	.32
.21	.23	.24	.31	.40
	.32	.34	.40	.50
	1½ inch \$.15 .16	1½ inch	1½ inch 1½ inch 2 inch \$.15 \$.17 \$.19 .16 .18 .20 .21 .23 .24	11/4 inch 2 inch 11/4 inch 11/2 inch 2 inch \$.15 \$.17 \$.19 \$.24 .16 .18 .20 .25 .21 .23 .24 .31

Milcor Ridging made of Pure Copper is beautiful and everlasting.

COLD ANACONDA LASTS FOREVER

The attractive green patina which forms on Copper is a protective coating against corrosion.

8 inch 10 inch		12 inch	14 inch	
½ inch	2 inch	2½ inch	3 inch	
\$.28	\$.33	\$.40	\$.56	
.32	.36	.45	.63	
	½ inch \$.28	1/2 inch 2 inch \$.28 \$.33	½ inch 2 inch \$.28 \$.33 \$.40	

FINIALS, LIST PRICES PER DOZEN

Milcor finials are tightly seamed and galvanized inside and out after formation. No solder is used.

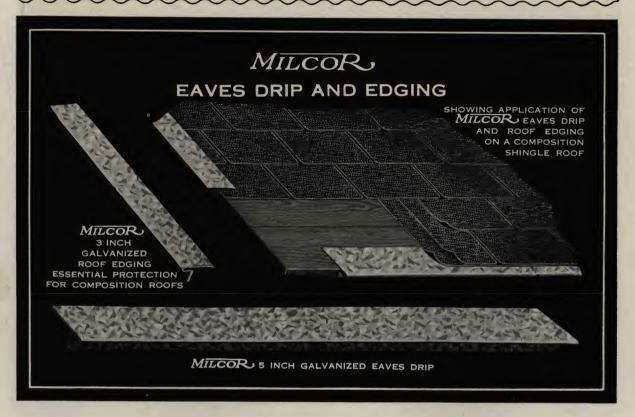
SHEET



COPPERED

The seams on all Milcor finials are carefully lapped; this adds strength. State size wanted.

about						
	No. 5		1	No. 7		No. 915 Gable Finial
Roll	Ball Diam.	Per Doz.	Girth	Ball Diam.	Per Doz.	Galvanized after Formed
11/4 inch	2½ inch	\$4.00	7 inch	2½ inch	\$4.00	Made to Fit 11/4, 11/2, and 2- in.
1½ inch	2½ inch	4.00	8 inch	21/2 inch	4.00	Ridge Roll
2 inch	3½ inch	5.00	10 inch	3½ inch	5.00	List Per Dozen\$6.00
21/2 inch	4 inch	6.00	12 inch	4 inch	6.00	Specify Size When Ordering



MILCOR Galvanized Eaves Drip and Roof Edging For Composition Roofs

MILCOR galvanized Eaves Drip and Milcor galvanized Roof Edging are designed for use on roofs covered with composition roofing, asphalt shingles, etc.

This soft roofing material should be protected at the edges as well as on the ridges. Milcor metal Eaves Drip and Roof Edging is made for this purpose. It protects the roofing edges against damage and prevents the roofing from curling at the corners. It prevents wind and rain from

driving in under the edges of the roofing and greatly improves the appearance of the roof by forming a neat, precisely straight edge trimming which can be painted if desired. No ragged roofing edges can appear.

Fabricated from "Tight-Coat" galvanized Sheet Steel, Coppered Metal or ARMCO Ingot Iron. Milcor Eaves drip is 5 inches wide and Milcor Roof Edging is 3 inches wide. Sections of this Eaves Drip and Roof Edging overlap wherever two ends join and form a stormtight joint.

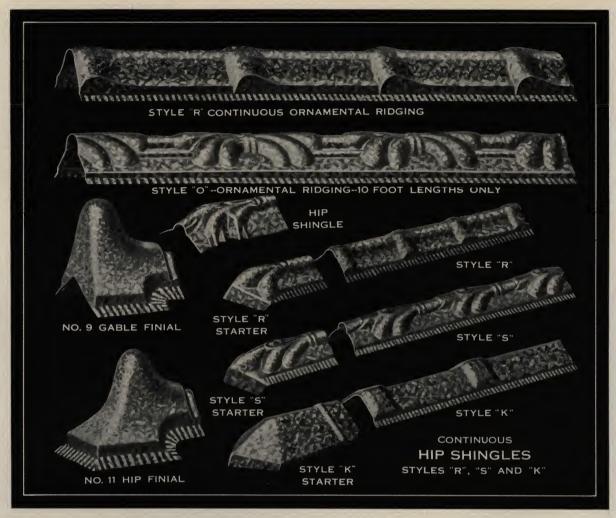
LIST PRICES Per FOOT

Shipped in strong wood crates. Packed 250 feet to the crate.

SHEET COPPERED

Furnished in galvanized Sheet Steel unless otherwise specified.

5-inch Galvanized Eaves Drip	
3-inch Galvanized Roof Edging	.045



MILCOR Hip Shingles and Ornamental Ridging

MILCOR Galvanized Continuous Ornamental Ridging and Milcor Galvanized Continuous Hip Shingles are easily and quickly applied. They hold the roofing on the ridges and hips securely in place and add a pleasing ornamental finish to the building.

State gauge, girth and metal wanted. Furnished in galvanized Sheet Steel unless otherwise specified.

MADE FROM GALVANIZED -







Shipped in strong wood crates. Packed 250 feet and 500 feet to the crate.

Continuous Ornamental Ridging LIST PRICES PER FOOT

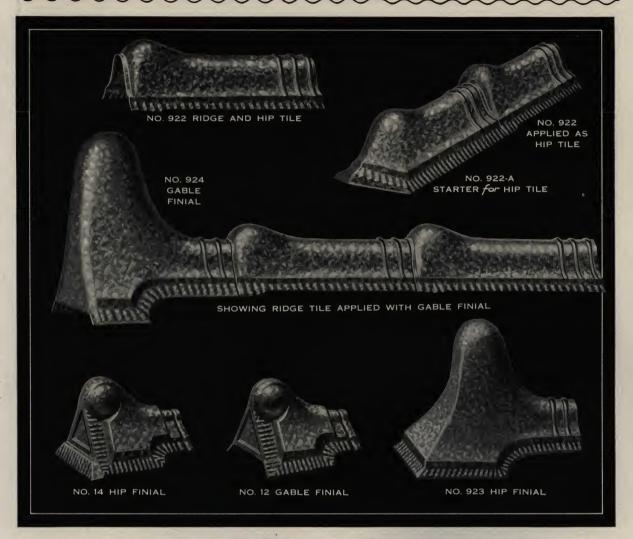
HIP AND GABLE FINIALS

Gauges	No. 29	No. 28	No. 26	LIST PRICES EACH
Style R No. 8—10 Foot Lengths	\$.08	\$.09	\$.10	
Style R No. 10— 5 Foot Lengths	.10	.11	.13	No. 9 Gable Finial \$.70
Style O No. 8—10 Foot Lengths	.08	.09	.10	No. 11 Hip Finial70

Continuous Hip Shingles LIST PRICES PER FOOT

Shingles—Gauges No. 29 No. 28 No. 26 Starters for Styles R, S, & K Shingles							
Style R No. 5-5 or 10 Ft. Lengths	\$.05	\$.06	\$.07	LIST PRICES EACH			
Style R No.10-5 or 10 Ft. Lengths	.10	.12	.14	Gauges	No. 29	No. 28	No. 26
Style S No. 5—5 Ft. Lengths	.05	.06	.07	No. 5	\$.07	\$.08	\$.09
Style K No. 5-5 Ft. Lengths	.05	.06	.07	No. 10	.14	.16	.18

See Page 38 for Milwaukee Hip Shingles.
Also Made of From Anaconda COPPER. Prices on Request.



MILCOR RIDGE AND HIP TILE

THE Milcor No. 922 Series of Ridge and Hip Tile and Finials make practical and good-looking roof trimmings. They should be used on all buildings roofed with composition roofing or wood shingles, for they insure storm-tight ridges and hips and hold the roofing securely in place. They add a pleasing ornamental trim to the building. Milcor Ridge and Hip Tile are adjustable. They require no cutting and are easily applied. Each Tile is 14 inches long—covering length 12 inches—allowing 1 inch storm proof lap at each end. Made from IC terne painted red or green, or from best quality Ternes galvanized after formation.

LIST PRICES EACH

Finials are made from Terne Plate electro—welded and galvanized after formed.



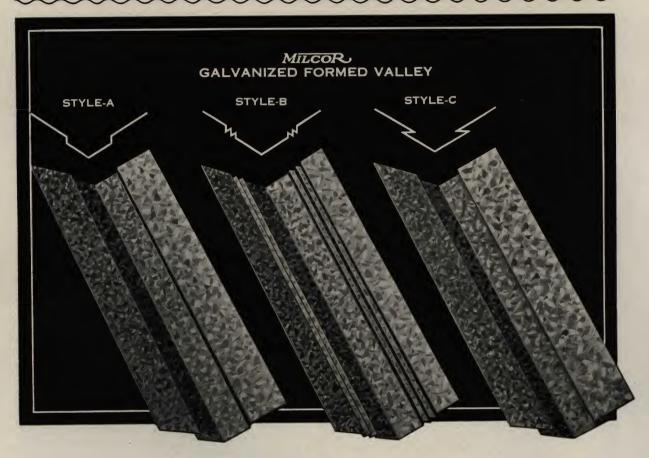
No roof is complete without metal trimmings. Use Milcor Ridge and Hip Tile.

ITEM	No. 922 Ridge & Hip Tile	No. 922-A Starter Tile	No. 923 Hip Finial	No. 924 Gable Finial	No. 12 Gable Finial	No. 14 Hip Finial
Galvanized	\$.10 each	\$.20 each	\$1.20 each	\$1.20 each	\$1.00 each	\$1.00 each
Painted Red or Green	.085 each	.17 each	1.10 each	1.10 each	.90 each	.90 each

Also Made From ANACONDA COPPER. Prices on Request.

-MILCOR,-Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.





MILCOR Formed Valley

ILCOR Formed Valley is made from galvanized Sheet Steel, galvanized Coppered Metal or galvanized ARMCO Ingot Iron in the three styles shown above. We also manufacture Pure Copper valleys.

Made in 10 foot lengths only. One-piece—no

seams. Each length is uniform and accurate in size and shape.

When ordering be sure to state style, girth, gauge and metal wanted. Furnished in galvanized Sheet Steel unless otherwise ordered.

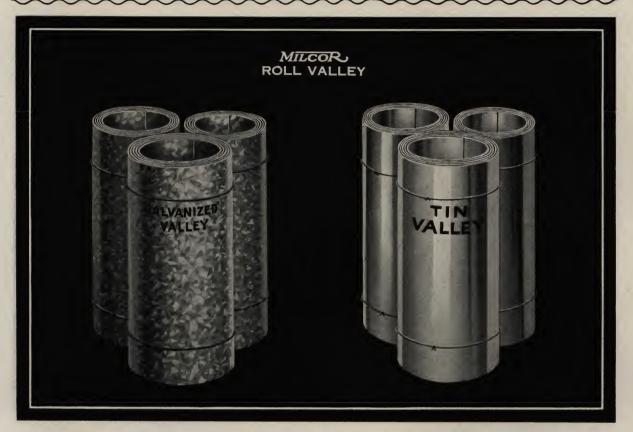
LIST PRICES PER HUNDRED LINEAR FEET

Shipped in strong wood crates for convenience in handling. Packed 250 feet to the crate. MADE FROM GALVANIZED -

Give style, size, gauge and metal wanted. Style A always furnished unless otherwise specified.

Gauge	10 inch	12 inch	14 inch	16 inch	20 inch	24 inch	28 inch	30 inch
No. 28	\$.20	\$.25	\$.32	\$.38	\$.48	\$.65	\$.75	\$.80
No. 26	.24	.31	.40	.46	.58	.70	.80	.90
No. 24	.34	.40	.50	.56	.68	.80	1.00	1.10

Also Made of ANACONDA COPPER. Prices on Request.



MILCOR ROLL VALLEY

ILCOR Galvanized Roll Valley is made in 50 and 100 feet rolls with all seams double cross locked. Furnished single cross locked and soldered only when ordered. Widths, gauges and metal shown below. The Milcor double cross lock used on our Galvanized and Tin Roll Valley is far superior to the single cross lock soldered. The double lock joint has no solder to break or wear off and it is stronger and more durable than the single lock.

MILCOR TIN ROLL VALLEY is made from prime sheets only. Furnished in 50 and 100 foot rolls 10, 14, 20 or 28 inches wide, double cross locked. Tin Roll Flashing also furnished in 4", 6" and 8" widths. Single locked

and soldered furnished when specified, but we recommend our double cross locked valley as a more durable product. All rolls have wooden heads in both ends to prevent denting and bending in shipment.

Tin Valley may also be used for roofing or gutters if desired.

Made from crescent 8 lb. coating, IC or IX; Elkay Old Style 15 lb. coating, IC or IX; Kuehn's Old Style 20 lb. coating, IC or IX; Republic old method 25 lb. coating, IC or IX; Milcor Hand Made U.S.G. Special coating, IC or IX; or Milwaukee Old Style 40 lb. coating, IC or IX. Unpainted, painted one side, or painted both sides.

Galvanized Roll Valley

Furnished in 50 or 100 Ft. Rolls

LIST PRICES Per HUNDRED LINEAR FEET

In ordering state size, gauge and metal wanted. Galvanized Sheet Steel furnished unless otherwise specified.





COPPERED

The 50 and 100 feet rolls are continuous lengths with double cross locked seams.

GAUGE	10 Inch	12 Inch	14 Inch	16 Inch	20 Inch	24 Inch	28 Inch	30 Inch
No. 29	\$.19	8.24	\$.30	\$.36	\$.46	\$.60	\$.70	\$.75
No. 28	.20	.25	.32	.38	.48	.65	.75	.80
No. 26	.24	.31	.40	.46	.58	.70	.80	.90
No. 24	.34	.40	.50	.56	.68	.80	1.00	1.10

Milcor Roll Valley is Also Made From ANACONDA Copper.

-MILCOR: Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



Metal Batten Strips, Hip and Flashing Shingles

ILCOR Metal Barn Batten Strips are economical and practical for weather proofing barns, sheds and other buildings on which the outside boarding is applied vertically.

They allow for the expansion and contraction of the board-

ing and will not warp or shrink away from the cracks. When properly nailed they will remain in place during the life of the building.

These same Metal Strips may be used for battening cracks in grain bins, wagon boxes, etc.

Style V Metal Batten Strips LIST PRICES PER THOUSAND LINEAR FEET MADE FROM GALVANIZED

State length and metal wanted. Furnished in galvanized Sheet Steel unless otherwise specified.







Shipped in strong wood crates. Packed 500 and 1000 feet to the crate.

.....\$20.00 per 1000 Feet. Made in 6 Ft., 7 Ft., 8 Ft., 9 Ft., 10 Ft. and 12 Ft. Lengths.....

MILWAUKEE Hip Shingles

Milwaukee Hip Shingles are cut from Terne Plate, painted, from galvanized sheet steel, galvanized ARMCO Ingot Iron or Galvanized Coppered Metal. They are deeply embossed and form a tight hip covering that fits in nicely with wood, slate or composition shingles.

MILCOR FLAT Flashing Shingles

Milcor Flashing Shingles are made from Terne Plate, plain or painted, from Galvanized Sheet Steel, Galvanized ARMCO Ingot Iron or Galvanized Coppered Metal. They are easily applied and they save time in storm-proofing roofs where metal, slate or wood shingles are used.

Stock sizes 4 in. x 7 in., 4 in. x 9 in., 5 in. x 12 in.

Stock sizes 4 in. x 5 in, 5 in. x 7 in., 7 in. x 10 in.

For Prices See Latest Net Price List

Also Made From ANACONDA COPPER. Prices on Request.



MILCOR, Metal Building Corners

NSIDE or Outside corners on weather-boarding or drop siding are made water tight with Milcor Metal Building Corners.

The Metal Corner is lapped as much as the siding, so they shall be a side of the side of the

they should be ordered in the widths generally used in the community. MADE FROM GALVANIZED -

Made from "Tight-Coat" Galvanized Steel. Nos. 4, 6 and 8 furnished with beaded or plain edges and counter sunk nail holes. Shipped with beaded edges unless ordered plain. Nos. 10, 12 and 14 made with plain edges only.

LIST PRICES PER THOUSAND





Also Made From ANACONDA Copper. Prices on Application.

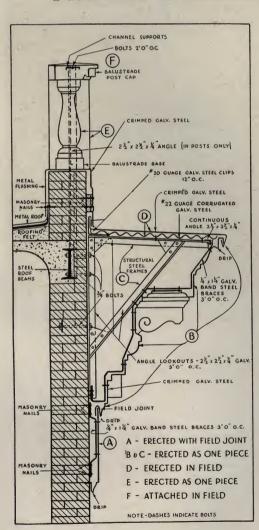
31/2" long, weather-board laid 3" to weather \$24.00 10 long, weather-board laid 3" to weather \$24.00 degree 10" long, weather-board laid 4" to weather 28.00 long, weather-board laid 5" to weather 28.00 long, weather-board laid 7" to weather 10" long, weather-board laid 9" to weather 44.50 long, Drop siding laid 5" to weather 32.00 No. 6 No. 8 No. 10

No. 12

Nos. 10 and 12 made with 1/2" and 3/4" base. Nos. 4, 6, 8 and 14 Outside Corners packed 500 per box. Nos. 4, 6 and 8 Inside Corners packed 250 per box. Nos. 10 and 12 Inside and Outside Corners packed 250 per box.



MILCOR, SHEET METAL CORNICES



In SHEET STEEL, ARMCO Ingot Iron, Copper or Zinc

SAFETY is such an important element in considering ornamental cornices that architects have welcomed particularly the development of modern Milcor Metal Cornices. Heavy, ornamental cornices of stone or masonry are dangerous and expensive. Sheet metal cornices are economical, permanent and safe.

Designing and building cornices has become a particular feature of our business. Varieties of fine designs are available from stock. Then too, our facilities enable us to design special cornices and architectural ornaments ranging from the smallest units to large, elaborate pieces, reproducing faithfully in metal the minutest details of original drawings.

Send us your plans, sketches and specifications. Estimates will be furnished promptly. This service does not obligate you in the least, and it should help you sell more Milcor Sheet Metal Cornices.

Milcor Cornices are furnished in large sections, complete, ready to erect. All brackets, modillions, and dentils are riveted and soldered to cornices and the mouldings run through.

While we are showing a few of the many Milcor Cornices on the following pages, please remember that we have complete facilities and a thoroughly trained organization for designing and producing special designs or types of cornices or other architectural sheet metal work. A consultation will not obligate you or cost you anything.

This detail drawing was developed from data embodied in a booklet on "Standard Specifications for the Fabrication and Setting of Sheet Steel Cornices", prepared by the Sheet Steel Trade Extension Committee, 511 Terminal Tower Bldg., Cleveland, Ohio. Copies of this valuable booklet may be secured from that source or from us.



MILCOR Lintel Cornices and Belt Moldings

FEW of the stock designs of Milcor Lintel Cornices and Belt Moldings are shown above. They form a pleasing ornamental trim for building exteriors and make very effective interior beam coverings as well. We also make up special designs to order.

Always order stock designs by number. Give measurement of wall at foot of cornice with diagram showing plan of wall

MADE FROM GALVANIZED

at same place. Give number of mitres. If other than square mitres are wanted, give exact angle. State finish desired at end; whether return, double return or end blocks. State whether cornice is to be built into wall or put on after wall is complete, and whether for a frame, brick, rock-face stone or concrete building. We construct cornices and moldings to meet the individual requirements of each type.

State metal wanted. Furnished in galvanized Sheet Steel unless otherwise specified.





COPPERED

Send in your specifications and drawings with all information requested above. We will quote prices.

No.	Height	Projection	Girth	No.	Height	Projection	Girth
79	4½ in.	3½ in.	12 in.	86	8 in.	6 in.	20 in.
80	4 in.	3¾ in.	14 in.	87	8 in.	6 in.	20 in.
81	7 in.	5 in.	18 in.	89	12 in.	8 in.	20 in.
82	7 in.	4½ in.	16 in.	90	11 in.	7 in.	24 in.



MILCOR, SHEET METAL CORNICES

FEW of the many stock designs which we are prepared to furnish on short notice are shown here and on pages 41, 43, and 44, for use where specially designed cornices are not required. Combinations of various designs can be made as desired.

Suggestions for ordering: Order by number. If Cornice

Cover is desired, mention thickness of wall and height of wall-extension. Mention number of mitres; specify whether square, or give exact angle, and whether inside or outside. Specify finish wanted at ends, whether "return", "double return", or "end blocks". Indicate whether cornice is to be built into or put on after wall is complete.

State metal wanted. Furnished in galvanized Sheet Steel unless otherwise ordered. Prices quoted on request.





COPPERED

We make up special Cornice designs to order. Send in your drawings and let us quote you prices.

Cornices	Height	Projection	End Blocks	Face
No. 312	18"	8"	No. 312	12"
No. 303	26"	12"	No. 303	12"
No. 306	30"	15"	No. 306	12"
No. 316	36"	20"	No. 316	12"

Also Made of PURE ZINC and ANACONDA COPPER.



MILCOR SHEET METAL CORNICES

FEW of the many stock designs which we are prepared to furnish on short notice are shown here and on pages 41, 42 and 44, for use where specially designed cornices are not required. Combinations of various designs can be made as desired.

Suggestions for ordering: Order by number. If Cornice

Cover is desired, mention thickness of wall and height of wall-extension. Mention number of mitres; specify whether square, or give exact angle, and whether inside or outside. Specify finish wanted at ends, whether "return", "double return", or "end blocks". Indicate whether cornice is to be built *into* or put on after wall is complete.

Furnished in galvanized Sheet Steel unless metal wanted is stated in order. Prices quoted on request.





COPPERED

We make all styles and sizes of cornices from any drawings furnished. Send in your specifications.

Cornices	Height	Projection	Mitres
No. 358	30"	12"	No. 358 Inside or Outside
No. 366	36"	24"	No. 366 Inside or Outside
No. 365	42"	24"	No. 365 Inside or Outside
No. 351	30"	15"	No. 351 End Block 12" Face



MILCOR SHEET METAL CORNICES

A FEW of the many stock designs which we are prepared to furnish on short notice are shown here and on pages 41, 42, and 43, for use where specially designed cornices are not required. Combinations of various designs can be made as desired.
Suggestions for ordering: Order by number. If Cornice

wall-extension. Mention number of mitres; specify whether square, or give exact angle, and whether inside or outside. Specify finish wanted at ends, whether "return", "double return", or "end blocks". Indicate whether cornice is to

Cover is desired, mention thickness of wall and height of

be built into or put on after wall is complete.

Give complete specifications and we will quote prices. Furnished in galvanized Sheet Steel unless otherwise ordered.



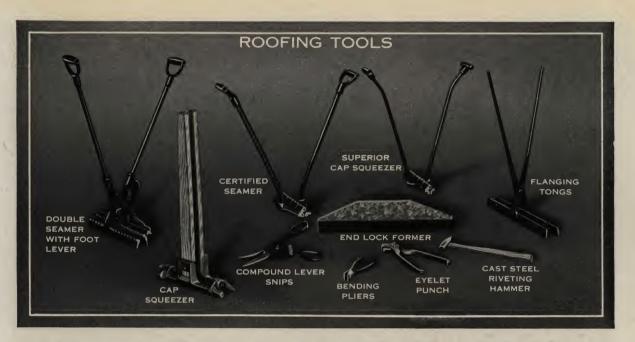


COPPERED

For special work, send in your plans, sketches and complete specifications. We will quote prices promptly.

Cornices	Height	Projection	End Blocks	Face
No. B456	16"	10"	No. B456	12"
No. B454	22"	14"	No. B454	12"
No. B459	20"	10"	No. B459	12"
No. B453	30"	15"	No. B453	12"

MADE FROM GALVANIZED



MILCOR Tools for Applying Metal Roofing

THE tools illustrated above are all required in applying various kinds of roofing, catalogued on the preceding pages. They will be loaned to responsible sheet metal dealers without cost except that the dealers to whom we

loan them will pay transportation charges both ways. They are charged on account when sent out and credited when returned.

Double Seamer with Foot Lever	Eyelet Punch	- ,1	
Certified Seamer	Compound Lever Snips	Length	Length of Cut.
Cap Squeezer	No. 8 Compound Lever Snips	8 in.	1¼ in.
Superior Cap Squeezer	No. 10 Compound Lever Snips	10 in.	2½ in.
Flanging Tongs	No. 12 Compound Lever Snips	12 in.	3 in.
End Lock Former	No. 14 Compound Lever Snips	14 in.	3½ in.
Cast Steel Riveting Hammer			. *

MILCOR Acid Swabs

Milcor Acid Swabs are made with extra long tin handles. See the latest Milcor Net Price Book for prices.

Hyro Metal Punch No. O. X.

Formerly The Parker Metal Punch

This punch has a combined front and side gauge. It will punch a $\frac{17}{44}$ inch hole in No. 16 gauge steel. Throat depth $1\frac{1}{2}$ inches; weight $2\frac{5}{8}$ lbs. Prices shown in our latest Net Price Book.



MILCOR Soldering Coppers

Milcor Soldering Coppers can be furnished in all weights. 3 and 4 pound Coppers carried in stock. Prices subject to market quotations. See Page 87 for Milcor solder.

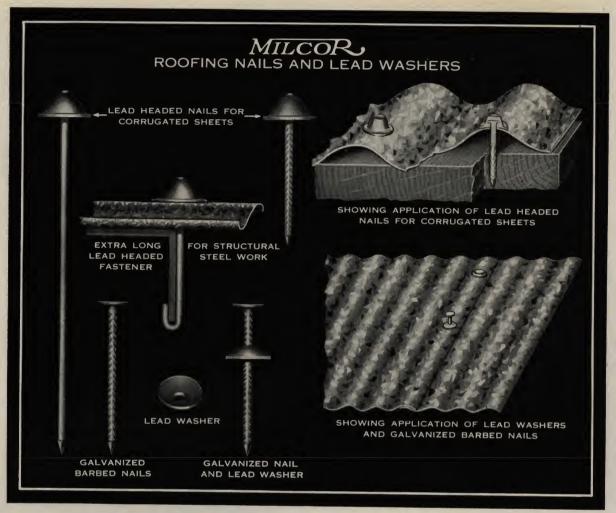
MILCOR Tinners and Roofers Furnace

The Milcor Star Gasoline Soldering Furnace is specially designed for lightness, compactness and power. It is 10 inches high and $20\frac{1}{2}$ inches long.

Soldering coppers are held only 4 inches above the bench, convenient for working. Prices on request.







Lead Headed Nails

Use 1½ to 2 lbs. per sq. of roofing. Lead on nail head covers nail hole and prevents accumulation of moisture and consequent rust. Prices in Current Price Book.

Length	Ga.	No. to lb.	Length	Ga.	No. to lb.
2"	10	42	21/2"	10	38
21/4"	10	40	3"	10	35

Lead Headed Fasteners

Size	4"	5"	6"	7"	8"	9"
No. per lb.	31	28	25	23	21	20
Size	10"	1	1"	12"	13"	15"
No. per lb.	18	10	3	15	14	11

Galvanized Barbed Nails

For Corrugated Roofing and Siding

Approximately one pound per square required

Length inches	7/8"	1"	11/4"	11/2"	13/4"	2"
Wire gauge	12	12	11	10	10	9
	Prices in	Current	Price	Book		

Lead Washers

No. 2, 5/32 inch hole. Prices in Current Price Book. When used with regular roofing nails they prevent both the nail head from cutting into the sheet and rust formation underneath. The first rust on a metal roof usually appears around the nail holes.



This is the finest Tinners' Red obtainable. It will not blister or peel. Furnished from stock in gallon cans. May also be secured in five gallon cans.



PARKER-KALON Sheet Metal Screws

Parker-Kalon Self-tapping Screws for fastening metal sheets are specially hard-ened. They cut their own thread in the metal like a tap, binding the sections firmly together. Prices quoted on request.

Milcor Elastic Roof Cement can be applied to any kind of surface, whether wet or dry. Packed in steel containers. No leakage or waste.



Directions For Applying Metal Roofing

OST of the users of this book know that the measurement of the thickness of sheet iron or steel is called "gauge". The larger the number of a gauge the thinner the sheet, and the less it weighs per square foot.

For the purpose of visualizing the meaning of gauge, let us remind our readers that No. 16 gauge is $\frac{1}{16}$ of an inch thick and weighs a trifle more than $\frac{2}{12}$ pounds per square foot, while a No. 28 gauge sheet is $\frac{1}{164}$ of an inch thick and weighs only $\frac{3}{14}$ of a pound per square foot.

Quality of Steel Roofing to Use

Naturally the thicker the sheet, the longer its life will be when its surface is exposed to weather. The Sheet Steel Trade Extension Committee recommends that under no circumstances should galvanized sheets lighter than No. 28 gauge be used for roofing purposes in the most favorable climates. In damp climates No. 26 gauge or heavier is recommended. This same recommendation is made by the Bureau of Standards, U. S. Dept. of Commerce. And since the labor cost of laying a roof is the same for No. 28 gauge as for No. 24 gauge, it is more economical to lay the heavier gauge roof.

Types of Steel Roofing

All the recognized types of roofing are illustrated in this Hand Book. It would be well to study them, as their characteristics very plainly indicate their values on different types of roofs and roof decks.

There are the Corrugated, V-Crimp and Pressed Standing Seam roofings, besides the Self-Cap and the "Twodrain" Channel, the latter a relatively new type roofing which is highly recommended on account of its waterproof side laps and its attractive appearance.

Types of Steel Roofing To Use

The type of Steel roofing to use is determined largely by the pitch of the roof and whether it is an old building or one being built.

If an old roof is of wood or asphalt shingles and in good enough condition to be nailed down flat, they may be left on and the Steel roof laid over it. However, if the old roof is of prepared roll roofing, or tar paper, it should be removed. Under such conditions, in the order of their preference, Pressed Standing Seam, "Twodrain" Channel, V-Crimp or 1½ inch Corrugated roofings may be used. If the old roof is of the open slat type with the slats more than 5 inches apart, the best type is 1½ inch Corrugated, since it is the strongest on account of the corrugations.

For new roofs, the use to which the building is put, largely determines the type of steel roofing to be used. If it is to house something not damaged by occasional drops of sweat, the most

economical roof is 2½ inch Corrugated laid over a purlin type deck with purlins spaced 5 feet apart. If the purlins are spaced not more than 3 feet 9 inches apart, 1½ inch Corrugated may be used.

When a building is to house animals and grain, Pressed Standing Seam, V-Crimp, "Twodrain" Channel or 1½ inch Corrugated should be used and the deck should always be of the tight tongue and grooved type.

Do not use anything but Standing Seam on a roof with a pitch of less than $2\frac{1}{2}$ inches to the foot. Corrugated should never be used on a pitch of less than 3 inches to the foot.

General Suggestions For Applying Steel Roofing

It is always best to start applying roof sheets at the end of the roof farthest from the direction of origin of prevailing storms. If storms and the strongest winds generally come from the West and the roof runs East and West, it is advisable to start laying sheets at the East end of the roof, so that the wind will drive rain over the side lap instead of into it.

Corrugated Galvanized Steel Roofing is usually applied one course at a time, from the gable end to gable end, always started at eaves rather than at the ridge.

The V-Crimp, "Twodrain" Channel, Pressed Standing Seam and Roll Roofing are always laid one row at a time, up the roof from the eave to the ridge.

In applying all types of formed Steel Roofing sheets except Corrugated, good construction demands that the steel project over both the gable ends and the eaves so that it can be bent down over the wood deck. This serves to protect the wood from the weather and keeps it from rotting. With Corrugated roofing, the gable end roof edges are bent down over the edge of the wood deck and the eave roof edges are permitted to overhang.

When applying Corrugated steel roofing, the nails are driven down through the top of the corrugations except at the side lap, where the nail is driven slightly past the center of the corrugation to one side.

How To Lay Corrugated Roofing

As was mentioned above, the laying of Corrugated roofing should start at the end of the roof farthest removed from the direction away from prevailing storms.

Start at gable end of building and apply first course from eaves to ridge—allowing required projection at the eaves and enough projection at gable end to nail to the edge of sheathing. Be careful to keep sheets straight. After placing a

sheet where wanted, nail at second corrugation from edge of sheet near each end to keep the sheet in proper position and from spreading when sailing at other points. Lap sheets at ends from 3 to 6 inches, according to pitch of roof (or 2 inches if used for Siding), and nail every alternate corrugation. Always drive nails through tops of corrugations, except at side laps drive the nails very little past the top and center of corrugation on the overlap side.

Finishing The Ridge For Corrugated Roofing

The ridge, of course, should be finished so that it is watertight. The very best finish is obtained by the use of a ridge roll. There are several styles of ridge finish illustrated in this Hand Book and we suggest reference to them in order that the ridge may be made absolutely watertight, and that the roofing be finished in an ornamental manner appropriate to the building being roofed.

On Page 50 of this Hand Book, the use of different types of Flashings around chimneys are In case of a Corrugated roofing illustrated. butting against a wood wall, End Wall Flashing will have to be used, or in the case of a roof running parallel to a wall, Side Wall Flashing will have to be used. And, of course, in using Corrugated roofing, Side Wall Flashing will have to be secured of the same size corrugations as the roofing, so that the Flashing will fit down tightly over the roofing sheets. The main roofing sheets should fit with their edges tight up against the parallel wall and should be nailed along these edges, with galvanized nails spaced 18" to 24" apart. Side Wall Flashing should be applied with three corrugations overlapping the main roofing. Flashing is nailed through the top of the corrugations nearest the edge, spacing the nails 8" apart. The nails in the upper non-corrugated leg of the Flashing which lies up against the wall, should be galvanized roofing nails and should be spaced 2" apart, and the edge between the metal and the wall should be given a heavy coating of oil paint as further assurance against leaking.

Where the roof butts up against a wall, the main roofing sheets should fit with their edges 1" away from the main wall and should be fastened with about 3 nails in each sheet. Then the End Wall Flashing should be applied with the outside edge bent down to form the drip edge and the upper part, called a "return", bent around the corner. The corrugated part is nailed through the top of every second corrugation and of course lead washers should be used on the nails. The upper part of the Flashing against the wall is nailed every 2" as in the case of the Side Wall Flashing.

Nails To Use

Galvanized Corrugated, V-Crimp, "Twodrain" Channel and Pressed Standing Seam roofing should always be fastened to the roof deck with

Galvanized Barbed Nails of a proper length for whatever type of roofing is being laid. In this Hand Book recommendations are made for the Nails to be used with each type of roofing. It would be well to use these recommended nails in each case and they can be had at the same time the roofing is shipped.

Lead Washers are already cut to the right size with the center slightly raised and a hole punched in each one. They can be bought, of course, where galvanized roofing is sold. The head of the nail forces the Washer tight against the sheet. This seals the hole against the entrance of moisture and prevents the nail head from cutting the sheet or injuring the coating. Where roofing nails with specially designed heads are used, no Lead Washers are needed. These specially designed roofing nails are illustrated on Page 46 of this Hand Book.

Grounding A Steel Roof Against Lightning

It is a simple matter to ground a Steel roof as a protection against lightning. An iron rod, pipe or cable may be used for this purpose.

A pipe is driven into the ground far enough to assure its being always in moist earth. If possible the pipe or bar should be long enough to reach from the eaves to the ground in one piece, but if it is necessary to join two pieces, this can be done by using a standard galvanized threaded pipe coupling. The coupling should fully cover the threads on both pieces of pipe or rod.

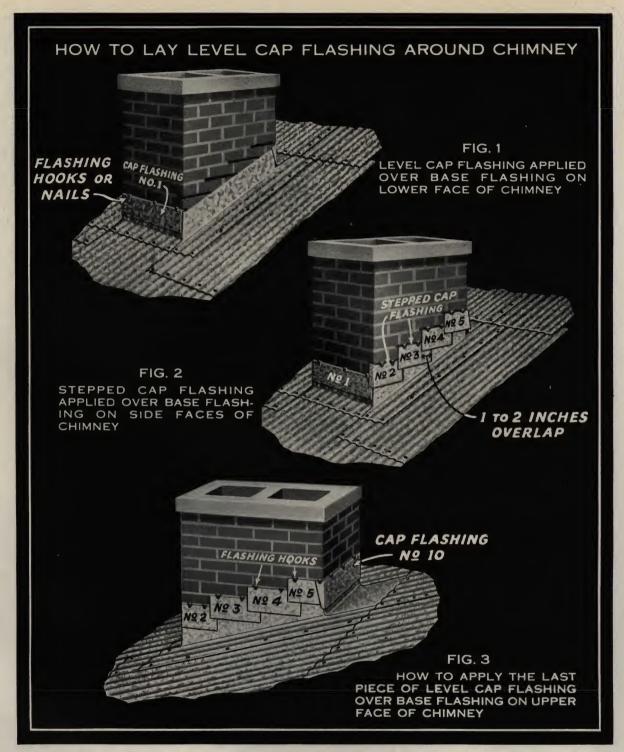
The pipe is held to the building by galvanized screw hooks spaced about 6 feet apart. These screw hooks should be screwed into the building so that the inside edge of the pipe is not closer than 2 inches from the side wall.

The upper end of the pipe is flattened for about 3 inches and drilled for 1/4 inch bolts with which to fasten it to the steel roofing. The flattened end is bent to an angle corresponding to the slope of the roof, so that the bolted connection is perfect. The holes in the roofing should be on top of a corrugation to insure water-tightness. The bolt head and washer should be on top of the corrugation.

In the case of Corrugated roofing which has an overhang of 2 inches at the eave, cut an oblong notch into the wood deck to accommodate the 3-inch connection. This notch must be long and wide enough to keep the edges of the wood deck at least 2 inches away from the connection. With all other types of steel roofing, because it is bent down over and nailed to the wood eave drip edge, it will be necessary to cut an oblong hole in the wood deck to accommodate the connection. The edges of the hole in the wood deck should be at least 2 inches away from the connection as a precaution against fire.



MEASUREMENTS of different types of roofs necessary to determine quantities of metal roofing for any building are illustrated above. If a sketch showing the correct measurements is sent us for each building to be roofed, we will be able to determine the quantity required in each case. Allow two inches at each end of the eave, or four inches for both ends, to be turned down over the edge of each gable. After adding this four inches, make the total roof length equal to the next higher even numbered foot. For example, if the correct eave length is 43 feet, 4 inches, which by adding the 4 inches for turn downs on both ends, makes 43 feet 8 inches, instead of using that figure use the next even numbered foot, or 44 feet. Divide this length by 2 feet, the net covering width of each sheet, and the result is 22. That means that the roof will require 22 sheets of roofing in width, plus, of course, the lengths required for each course.



A FTER base flashing has been laid around the chimney, cap flashing is necessary to make a water-tight job. End wall base flashing is laid on the low side of chimney, first, then Side wall base flashing along either side bending the side wall flashing around the chimney corner over the end wall flashing. Last, base flashing 6 to 8 inches wide above roof is applied on upper face of chimney.

wan hashing around the chimney over the end wan hashing. East, base hashing o to 8 inches wide above roof is applied on upper face of chimney.

Now, level cap flashing is applied over base flashing, by inserting one leg of bent flashing in the raked out mortar joint, fastening it in place with flashing hooks. The other level cap flashing leg, of course, is bent down over the base flashing. This is shown in Fig. 1 above. Fig. 2 shows cap flashing applied over base flashing—Nos. 2, 3, 4, 5 on the chimney side in raked out mortar joints, and indicates an overlap of from 1 to 2 inches. Fig. 3 shows cap flashing No. 10 in place on top side of chimney. This is, of course, the last piece of cap flashing to apply and with the joints properly filled with mortar, the job should prove water-tight during the life of the chimney.

DIFFERENTIALS OR EXTRAS ON ROOFING AND SIDING

Applying on Both "MILCOR" Open Hearth Steel and Coppered Metal

Price quotations on 2 or $2\frac{1}{2}$ inch Corrugated Sheets establish the Base Prices by which the prices of the various other styles of Roofing and Siding are calculated.

To arrive at a price of any particular style and gauge of material herein listed, the following differentials or extras should be added to the quoted Base Prices on 2 or 2½ inch Corrugated Sheets.

A comment of the comm			I	n Cen	ts Per	Square			
	_	——G	alvan	ized-		-	-Pa	inted-	_
Gauges	29	28	27	26	24	28	27	26	24
Gauges	29	28	27	26	24	28	27	26	24
1 1/4 in. corrugated and 3/8 in. corrugated	25	25	25	25	40	25	- 25	25	35
1½ in. special corrugated sheets (1 up. 1 down)	10	10	10	10	25	10	10	10	20
2½ in corrugated elevator sheets	10	10	10	10	20	10	10	10	20
1 ¼ in. corrugated elevator sheets	35	35	35	35	50	35	35	35	45
2½ in. cross-corrugated sheets	10	10	10	10	20	10	10	10	20
1½ in. cross-corrugated sheets	35	35	35	35	55	35	35	35	45
Roll rooting, "Milcor" Self Cap without cleats, double cross-lock	25	25	25	25	40		25	25	40
Roll rooting, "Kuehn's" lock seam with special cleats, double cross-lock	30	30	30	50			30	30	50
Roll rooting, "Old Style" double seam, special cleats, double cross-lock	30	30	30	50		30	30	50	
Roll and cap roofing with caps and cleats, double cross-lock	90	90	90	1.15		65	- 65	80	
"Twodrain" Channel Roofing 2V	50	50	50	50	11				
Twodrain' Channel Roofing 3V	60	60	60	60					
"Certified" pressed std. seam with special cleats and ends notched.	35	35	35	50		35	35	50	ē :;
Pressed standing seam without cleats	15	15	15	15		10	10	10	- : :
Noiseless' pressed standing seam without cleats, 18 in, width	65	65	65	85		65	65	85	
"Noiseless" pressed standing seam without cleats, 12 in, width	1.10	1.10	1.10	1.40		1.00	1.00	1.30	
"Superior" pressed standing seam with continuous cleats	55	55	55	65		55	55	- 65	
Beaded pressed standard seam without cleats	20	20	20	30		20	20	30	
2½ in. corrugated pressed standing seam without cleats	50	50	50	60		50	50	60	
1 1/4 in. corrugated pressed standing seam without cleats.	65	65	65	75		65	65	75	
No. 525 or 530 Ornamental pressed standing seam without cleats	30	30	30	40		30	30	40	
2V crimp without sticks	10	10	10	10	- 10	10	10	10	10
3V crimp without sticks	20	20	20	20	30	15	15	15	30
4V crimp without sticks	60	60	60	75	90	60	60	75	90
2½ in. corrugated V crimp without sticks	50	50	50	65	80	50	50	65	80
1 1/4 in corrugated V crimp without sticks	65	65	65	80	95	65	65	80	95
Weatherboard siding	35	35	35	45	70	35	35	45	70
Beaded siding and ceiling	20	20	20	30		20	20	30	
Crimped beaded siding and ceiling	45	45	45	55		45	45	55	
Plain pressed brick siding	10	10	10	10		10	10	10	
Rock face brick siding and Nos. 1 and 2 stone siding	20	20	20	20	• •	20	20	20	
Rock face stone siding Nos. 3 and 4	30	30	30	30		30	30	30	

Wood sticks for 2V and 4V crimp (50 ft.) 30 cents per square extra. Wood sticks for 3V crimp (100 ft.) 60 cents per square extra.

Galvanized roofing cleats 10 cents per square extra.

Forming end locks on V crimp and pressed standing seam 15 cents per square extra.

Standard lengths of sheets-60, 72, 84, 96, 108 and 120 inch.

Odd lengths, including sheets 132 and 144 in. long, 10 cents per square extra.

Prices on Gauges Heavier Than No. 24 Quoted Upon Application

As prices on Roofing and Siding are always subject to market changes, without notice, we would particularly urge our customers to get our quotation of base prices, from time to time, to keep posted.



MILCOR 21/2-Inch and 2-Inch Corrugated Sheets

These sheets are furnished in galvanized or painted Sheet Steel, galvanized ARMCO Ingot



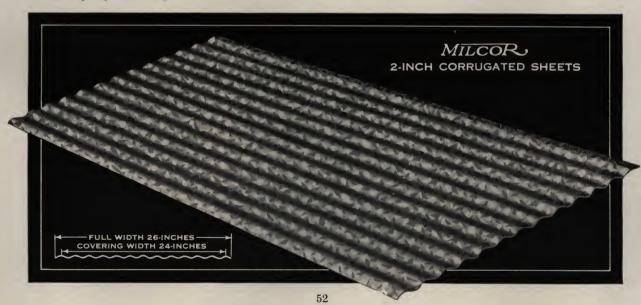
Iron or galvanized Coppered Metal.

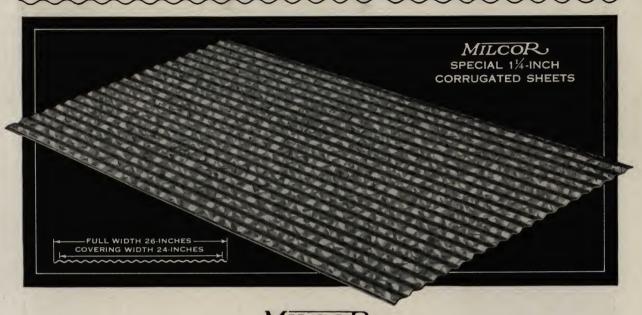
Gauges	No. 29	No. 28	No. 26	No. 24	No. 22	No. 20	No. 18	No. 16
Weight Per Sq. Galv	77 lbs.	84 lbs.	98 lbs.	125 lbs.	151 lbs.	178 lbs.	232 lbs.	286 lbs.
Wt. Per Sq. Painted	1	68 lbs.	82 lbs.	109 lbs.	136 lbs.	163 lbs.	216 lbs.	270 lbs.
Lengths	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.
No. Sq. Ft. Per Sheet	10-5/6	13	15-1/6	17-1/3	191/2	21-2/3	23-5/6	26

2½ inch galvanized can also be made so as to provide for one and one-half corrugations side lap. These sheets are especially appropriate for roofing purposes, and can, with safety be applied on roofs having one-quarter pitch or more. The extra half corrugation is essential to overcome capillary attraction. To accomplish this it is just as satisfactory to lap one and one half corrugations as to lap two corrugations. If one and one-half corrugation side lap is wanted, so specify in ordering.

2-inch Corrugated Sheets can also be made so as to provide for two corrugations side lap. These sheets are especially appropriate for roofing purposes, and can, with safety be applied on roofs with one-quarter pitch or more. The extra corrugation is essential to overcome capillary attraction.

If two corrugation side lap is wanted, so specify in ordering.





MILCOR Special 11/4-Inch Corrugated Sheets

FURNISHED in Milcor galvanized or painted Sheet Steel, galvanized ARMCO Ingot Iron, and galvanized Coppered Metal. Milcor SPECIAL 1½ inch Corrugated Sheets are intended for roofing only. The corrugations on one side up and the other side down permit a corrugation and a half side lap which is an

extra precaution against leaks. The extra ½ corrugation lap is unnecessary on sheets used for siding.

These SPECIAL Sheets are being used a great deal because of the very satisfactory service they render. Covering width 24 inches.

State size, gauge and metal wanted. Furnished in galvanized Sheet Steel unless otherwise specified.



Prices per square shown in our latest net price book. Copies sent to dealers on request.

Gauges		No. 29	No. 28	No. 2		. 24	No. 22	No. 20
Weight Per Sq. Galvanized		77 lbs.	84 lbs.	98 lb	s. 125	lbs.	151 lbs.	178 lbs.
Weight Per Sq. Painted		-	68 lbs.	82 lb	os. 109	lbs.	136 lbs.	163 lbs.
			-			1		
Lengths	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.
No. of Sq. Feet Per Sheet.	10-5/6	13	15-1/6	17-1/3	191/2	21-2/3	23-5/6	26

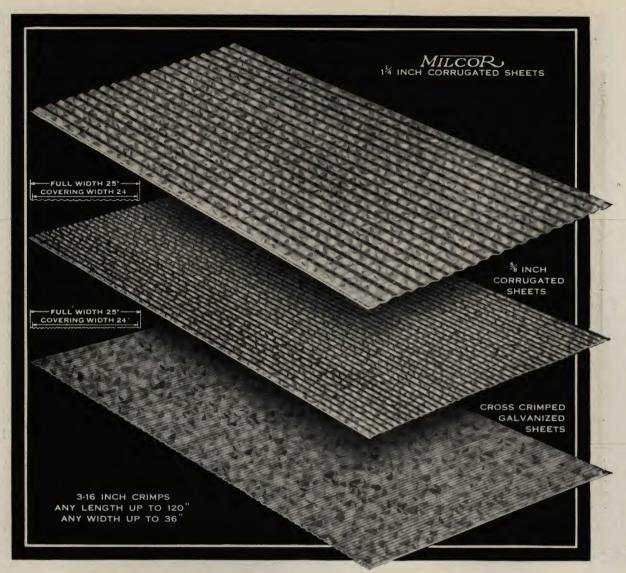


Our SPECIAL 1½ inch Corrugated Sheets are recommended for Roofing when Corrugated Sheets are wanted. They give complete weather protection, are fireproof, durable and easily erected.

The extra half corrugation curves upward to meet the second corrugation of the overlapping sheet—thereby overcoming capillary attraction. It is not necessary to use our SPECIAL 1½ inch Corrugated Sheets for Siding, as the regular 1½ inch Corrugated, providing for one corrugation side lap, will answer the purpose.

The same method of application will apply in connection with these Sheets as that which we have explained in connection with $2\frac{1}{2}$ inch Corrugated Sheets, pages No. 47 and 48.

When ordering, be sure to mention SPECIAL $1\frac{1}{4}$ inch Corrugated.



MILCOR 11/4-Inch and 5/8-Inch Corrugated Sheets and 3/16-Inch Cross Crimped Sheets

Milcor Regular 1¼ inch and 5% inch Corrugated Sheets are 25 inches wide. Covering width 24 inches. With our heavy corrugating machines, we are able to

furnish 5% inch Corrugated Sheets without buckles or curves. They are adaptable to interior ceilings and sidewalls in store-rooms, warehouses, garages, basements, etc.

State size, gauge and metal wanted. Furnished in galvanized SHEET STEEL unless otherwise specified.



Prices per square shown in our latest net price book. Copies sent to dealers on request.

Gauges Weights Per Square Galvar	nized	No. 29 81 lbs.	No. 28 88 lbs.	No. 9		0. 24 30 lbs.	No. 22	No. 20	
Weights Per Square Galvanized Weights Per Square Painted		or ibs.	71 lbs.	85 lb		13 lbs.	158 lbs. 141 lbs.	186 lbs. 169 lbs.	
Lengths No. of Sq. Ft. Per Sheet	5 Ft. 10-5/12	6 Ft. 12½	7 Ft. 14-7/12	8 Ft. 16-2/3	9 Ft. 18 ³ ⁄ ₄	10 Ft. 20-5/6	11 Ft. 22-11/12	12 Ft.	

Cross Crimped Galvanized Sheets

Milcor Cross Crimped galvanized sheets are made of galvanized Sheet Steel, ARMCO Ingot Iron or Coppered Metal. 36 inch crimps.

They are extensively used on cornice work and can be easily worked on a cornice brake.

We can supply sheets of any length up to 120 inches and any width up to 36 inches.



MILCOR Corrugated Elevator Siding

PURNISHED in galvanized Milcor Sheet Steel, galvanized Coppered Metal and galvanized ARMCO Ingot Iron in 2½ inch, 2 inch and 1¼ inch corrugations, and in the gauges and sizes listed below.

Sheets are laid in such a manner that the elevator sides

Sheets are laid in such a manner that the elevator sides have a chance to settle without disturbing the fastenings of sheets. Our 2 and 2½ inch Corrugated Sheets are 26 inches

wide by 32 inches long, and cover 24 inches. 1½ inche Corrugated Sheets are 25 or 26 inches wide by 32 inches long, and cover 24 inches. The Sheets are laid with a 2 inche end lap and the nails are two inches above the upper edge of lower sheets, thus allowing the sheets to slip 2 inches in every 32 inches as the sides of the elevator settle, without buckling or drawing the nails.

Use Milcor Galvanized Nails with Milcor Corrugated Elevator Siding.

SHEET COPPERED

GALVANIZED OR PAINTED

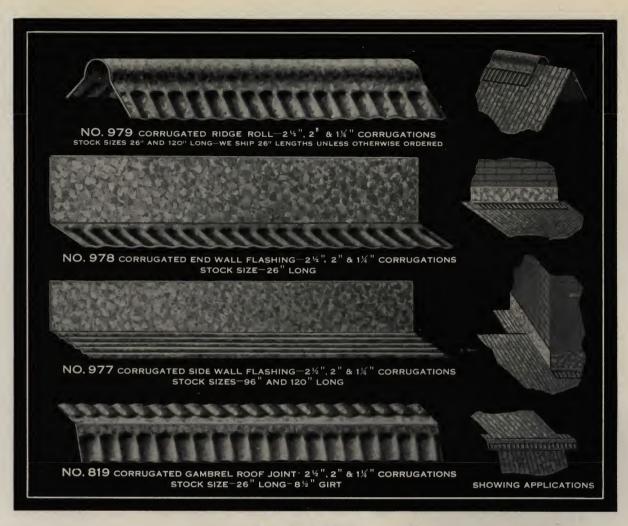
Furnished in Glavanized Milcor Sheet Steel unless otherwise specified.

Lengths	32-inches		_ 36-i	nches	40-inches 7-2/9	
No. of Sq. Ft. Per Sheet	5.	-7/9	6-1/2			
WEIG	HTS AND C	GAUGES 11/4	-INCH CORR	UGATIONS	2000	S
Gauges	No. 29	No. 28	No. 26	No. 24	No. 22	No. 20
Weight Per Square Galvanized	79 lbs.	87 lbs.	101 lbs.	129 lbs.	157 lbs.	185 lbs.
Weight Per Square Painted		72 lbs.	86 lbs.	114 lbs.	142 lbs.	170 lbs.
WEIGHTS AND	GAUGES 2	-INCH AND	2½-INCH C	ORRUGATIO	NS	
Gauges	No. 29	No. 28	No. 26	No. 24	No. 22	No. 20
Weight Per Square Galvanized	77 lbs.	85 lbs.	98 lbs.	125 lbs.	151 lbs.	178 lbs.
Weight Per Square Painted		68 lbs.	82 lbs.	109 lbs.	136 lbs.	163 lbs.





11/4-INCH CORRUGATIONS Gauges: No. 29, No. 28 and No. 26. 2½-INCH CORRUCATIONS Gauges: No. 29, No. 28, No. 26 and No. 24.



MILCOR

Corrugated Ridge Roll, End Wall Flashing, Side Wall Flashing and Gambrel Roof Joint.

A LL of these items are furnished in galvanized Milcor Sheet Steel, galvanized ARMCO Ingot Iron and galvanized Coppered Metal.

Corrugated Ridge Roll is formed to fit 1¼ inch, 2 inch and 2½ inch Corrugated Sheets. Stock sizes 26 and 120 inch learnths 26 inch larget height upless otherwise ordered.

lengths. 26 inch length shipped unless otherwise ordered.

Corrugated End Wall Flashing is formed to fit 11/4 inch, 2 inch and 21/2 inch Corrugated Sheets. Stock size 26 inches

Corrugated Side Wall Flashing formed to fit 11/4 inch, 2 inch and 21/2 inch Corrugated Sheets. Stock sizes 96 and 120 inches long. Specify length required.

Corrugated Gambrel Roof Joint.

With the use of this joint the proper waterweight connection is made at the hip on gambrel roofs. It also provides a neat and effective finish for the hip. Made

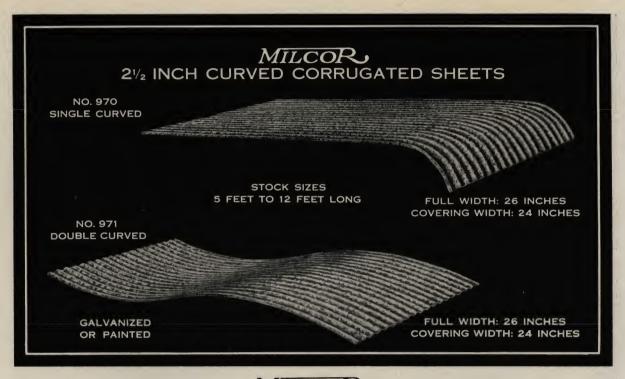
MADE FROM COPPERED GALVANIZED OR PAINTED

in 26 inch lengths only to fit 11/4 inch, 2 inch and $2\frac{1}{2}$ inch Corrugated Sheets. Specify size corrugations required.

LIST PRICES PER LINEAR FEET ON ABOVE ITEMS.

		Girth of	Weights per	Weights per	Girth of	Per Linear	Per Linear
Gauge	Corrugations	Ridge Roll	100		Gambrel Roof	Feet	Feet
		and Flashing	Galvanized	Painted	Joint	Galvanized	Painted
No. 29	$2\frac{1}{2}$ inch, 2 inch, $1\frac{1}{4}$ inch	12 inches	72		8½ inches	\$.15	
No. 28	$2\frac{1}{2}$ inch, 2 inch, $1\frac{1}{4}$ inch	12 inches	78	63	8½ inches	.17	\$.14
No. 26	$2\frac{1}{2}$ inch, 2 inch, $1\frac{1}{4}$ inch	12 inches	91	75	$8\frac{1}{2}$ inches	.19	.16
No. 24	$2\frac{1}{2}$ inch, 2 inch, $1\frac{1}{4}$ inch		115	100	8½ inches	.22	.17
No. 22	$2\frac{1}{2}$ inch, 2 inch, $1\frac{1}{4}$ inch		141	125	8½ inches	.30	.22
No. 20	$2\frac{1}{2}$ inch, 2 inch, $1\frac{1}{4}$ inch	12 inches	160	150	8½ inches	.40	.32

The above gauges of corrugated ridge roll can be furnished in the following widths: 12, 14, 16, 18 and 20 inch.



2½ Inch Curved Corrugated Sheets and Arches 2½-inch Curved Corrugated Sheets.

Furnished in galvanized Milcor Sheet Steel, galvanized ARMCO Ingot Iron, and galvanized Coppered Metal in the gauges listed



below. Single or double curved sheets can be shipped immediately.

Gauges	l N	0. 29	N	o. 28	N	0. 26	No	. 24
Wt. Per Sq. Galv	. 77	lbs.	84	lbs.	98 lbs. 125		lbs.	
Wt. Per Sq. Painted			68 lbs.		89	lbs.	109 lbs.	
Lengths	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.
No. of Sq. Ft. Per Sheet.	10-5/6	13	15-1/6	17-1/3	19-1/2	21-2/3	23-5/6	26

2½ Inch Corrugated Curved Arches

Sheets curved to any required radius and of any strength from 16 to 28 gauges inclusive. For concrete construction work, vaulted ceilings, cellars, underground passages, etc.

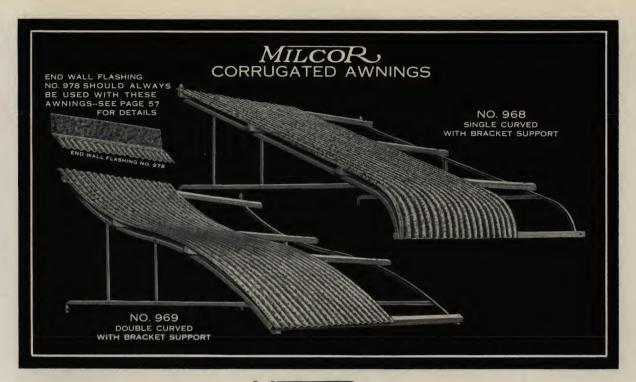
For tanks and cisterns, these curved sheets can be riveted and soldered together.

Directions for Ordering

If for roofing, allow for projections. If for ceilings, give the distance between the webs of the I-beams, rise of arch and

length and number of spaces to be covered. All curving is guaranteed perfect and in accordance with specifications.





MILCOR Corrugated Steel Awnings

Single or Double Curved With Bracket Supports



Single or Double Curved with Iron Post Supports

POR permanent awnings corrugated steel offers the most economical and most durable material available, since it neither decays nor is easily damaged. Painted every four or five years, it will last indefinitely.

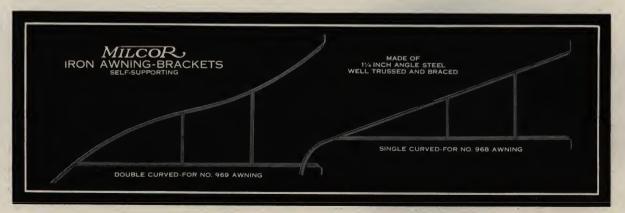
Furnished in galvanized or painted Milcor Sheet Steel, galvanized ARMCO Ingot Iron and galvanized Coppered Metal sheets, 24 to 28 gauge, with 2½-inch corrugations.

When ordering these permanent awnings, please furnish a sketch with dimensions plainly showing available space to cover, indicating wall offsets, width of sidewalk. State whether angle iron or wood purlins are wanted. Also advise whether brackets, top or bottom, are to be attached to wood, stone, iron or brick, and give thickness of wall.

MILCOR Iron Awning Brackets

Order definitely for single curved or double curved awnings, furnishing a sketch plainly showing dimensions and available space to cover.

State whether brackets, top or bottom, are to be attached to wood, stone, iron or brick, and give thickness of wall-



-MILCOR, Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



ILLUSTRATING THE APPLICATION OF

MILCOR SELF-CAP ROLL ROOFING

PRINTED directions for applying Milcor Self-Cap Roofing will be found on page sixty-one.
The roofing tools necessary in applying Milcor Self-Cap and Milcor Roll and Cap Roofing are illustrated on page forty-five. These tools will be loaned to responsible sheet metal Contractors without cost to them except that they pay transportation charges both ways. they pay transportation charges both ways.

Self-Cap is the most commonly used of all roll roofings in all sections of the Country. It is easily applied and makes a good roof for many types of buildings.

Milcor Self-Cap Roofing is made from sheets 26¾ inches wide before resquaring. This gives a width of full 26½ inches of absolutely straight edged roofing. Fifty linear feet of this roofing covers a full square.



MILCOR Self-Cap Roll Roofing

This Roofing is made from sheets 263/4 inches wide before resquaring.

ILCOR Self-Cap Roll Roofing is double cross locked together, notched and resquared on ends and sides. It is appropriate for use on buildings with only a

slight pitch. It is made from soft annealed sheets so that the side seams form easily withou cracking. furnished only when ordered.

Sheets 261/2" wide 50 feet long will cover 100 square feet.



Furnished in Galvanized Milcor Sheet Steel unless otherwise specified.

GAUGES	No. 29	No. 28	No. 26
Weights per Square Galvanized	81 lbs.	88 lbs.	102 lbs.
Weights per Square Painted		72 lbs.	86 lbs.

DIRECTIONS FOR APPLYING "MILCOR" SELF-CAP ROLL ROOFING

Measure the length required to reach from Eave to Ridge, allowing 1 inch on one side and 11/2 inches on the other side of Roof for Standing Seam on Ridge; also allow 11/2 inches to 2 inches to bend down at Eaves.

When working from left to right hand-for the first course turn down 1 inch on left hand side of sheet for fitting over edge of Sheathing at Gable end, and nail same securely with

34 inch barbed roofing nails spaced about 2 inches. Then flange up the right hand side of sheet length with the 1½ inch Flanging Tongs.

After first course is in place, nail cleats along the $1\frac{1}{2}$ inch flange, (about every 14 inches) letting cleat stand about 1 inch above the $1\frac{1}{2}$ inch flange like in Figure 1—bending the cleat down over the flange like in Figure 2.

Then flange up the left side of next course 1 inch and place same against the first course like in Figure 3, and with the 1 inch Double Seamer bend the projecting ½ inch over the 1 inch and close tight, which will leave the finished standing Seam 1 inch high like in Figure 4.

To finish each Seam, approaching Ridge or Hip, flatten down the Standing Seam about 6 to 8 inches.

Always finish each course before laying the next.

The finish of Ridge or Comb of Roof can be made same as the Standing Seam, by letting the sections pass the center of Ridge enough to flange up 1 inch on one side and $1\frac{1}{2}$ inches on the other side.

If Ridge Roll is used—instead of allowing the 1 and 1½

inches on top of Ridge for Standing Seam, allow only ½ inch on one side and flatten down as an overlap.

NOTE: When working from right to left, the 1½ inch flange should be on left side and the 1 inch flange on right side of sheet.

Tools necessary:

pair 1 inch Flanging Tongs pair 1½ inch Flanging Tongs 1 pair 1 inch Double Seamers

See Page 45

Net prices given in Current price list.

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MILCOR, Kuehn's Lock Seam Roll Roofing

This roofing is made from sheets 26 3/4 inches wide before resquaring.

OUBLE Cross locked together, notched and resquared on ends and sides.

This roofing is so constructed that the cleats after being applied are unexposed, and the caps are made from

part of the sheet, doing away with separate caps. Kuehn's Lock Seam Roll Roofing can be used on roofs with only a slight pitch.

Sheets 26½" wide, 50 ft. long will cover 100 square feet.



Furnished in Galvanized Milcor Sheet Steel unless otherwise specified.

GAUGES	No. 29	No. 28	No. 26
Weights per Square Galvanized	81 lbs.	88 lbs.	102 lbs.
Weights per Square Painted		72 lbs.	86 lbs.

DIRECTIONS FOR APPLYING KUEHN'S LOCK SEAM ROLL ROOFING

Measure the length required to reach from Eave to Ridge, allowing 1 inch on one side and 1½ inches on the other side of Roof for Standing Seam on Ridge; also allow 1½ to 2 inches to bend down at Eaves.

When working from left to right hand—for the first course turn down 1 inch on left hand side of sheet for fitting over turn down I inch on left hand side of sheet for fitting over edge of Sheathing at Gable end, and nail same securely with ¾ inch barbed roofing nails spaced about 2 inches. Then flange up the right hand side of sheet length with the 1½ inch Flanging Tongs.

After first course is in place, nail cleats along the 1½ inch flange (about every 14 inches) and fasten cleat, Figure 1, to the flange with the Eyelet Punch like in Figure 2.

Then flange up the left side of next course 1 inch and place same against the first course like in Figure 3, and with the

same against the first course like in Figure 3, and with the 1 inch Double Seamer bend the projecting ½ inch flange over the 1 inch and close tight to a finished seam like in

To finish each seam approaching Ridge or Hip, flatten down the Standing Seam about 6 to 8 inches.

Always finish each course before laying the next.

The finish of Ridge or Comb of Roof can be made same as

the Standing Seams, by letting the sections pass the center of Ridge enough to flange up 1 inch on one side and 1½

inches on the other side.

If Ridge Roll is used—instead of allowing the 1 and 1½ inches on top of Ridge for Standing Seam, allow only ½ inch on one side and flatten down as an overlap.

Hips are always finished the same way as Ridge, after

cutting to the proper angle.

NOTE: When working from right to left, the 1½ inch flange should be on left side and the 1 inch flange on right side of sheet.

Tools necessary

pair 1 inch Flanging Tongs pair 1½ inch Flanging Tongs pair 1 inch Double Seamers

Eyelet Punch

See Page 45

Net prices given in Current price list.



MILCOR "Old Style" Double Seam Roll Roofing

This roofing is made from sheets 263/4 inches wide before resquaring.

OUBLE Cross locked together, notched and resquared on ends and sides.

This is the only steel roofing adaptable to flat roofs

with a pitch of ½ inch to 1 foot or more. Its construction provides a double fold the entire length of the seam, making it perfectly watertight.

Sheets 261/2 inches wide 50 feet long will cover 100 square feet.



Furnished in Galvanized Milcor Sheet Steel unless otherwise specified.

GAUGES	No. 29	No. 28	No. 26
Weights per Square Galvanized		88 lbs.	102 lbs.
Weights per Square Painted		72 lbs.	86 lbs.

DIRECTIONS FOR APPLYING "OLD STYLE" DOUBLE SEAM ROLL ROOFING

Measure the length required to reach from Eave to Ridge, allowing 1 inch on one side and 1½ inches on the other side of Roof for Standing Seam on Ridge, also allow 1½ to 2

inches to bend down at Eave.

When working from left to right hand—for the first course turn down 1 inch on left hand side of sheet for fitting over edge of Sheathing at Gable end, and nail same securely with 34 inch barbed roofing nails spaced about 2 inches. Then flange up the right hand side of sheet length with the 1½ inch Flanging Tongs.

After the first course is in place, nail the Tin Cleats, see Figure 1, along the 1½ inch flange (about every 14 inches)

like Figure 2.

Then flange up the left side of next course 13/4 inches and place same against the first course like in Figure 3, and with the 1½ inch Double Seamer bend the projecting ¼ inch over like in Figure 4 and then follow with the 1 inch Double Seamer, which will break over ½ inch, leaving the finished Standing Seam 1 inch high like in Figure 5.

To finish each Seam approaching Ridge or Hip, flatten

down the Standing Seam about 6 to 8 inches.

Always finish each course before laying the next. The finish of Ridge or Comb of Roof can be made same as the Standing Seam, by letting the sections pass the center of ridge enough to flange up 1 inch on one side and $1\frac{1}{2}$ inches on the other side.

If Ridge Roll is used—instead of allowing the 1 and 11/2 inches on the top of Ridge for Standing Seam, allow only $\frac{1}{2}$ inch, on one side and flatten down as an overlap.

Hips are always finished the same way as Ridge, after cutting to the proper angle.

NOTE: When working from right to left the $1\frac{1}{2}$ inch flange should be on left side and the $1\frac{3}{4}$ inch flange on right side of sheet.

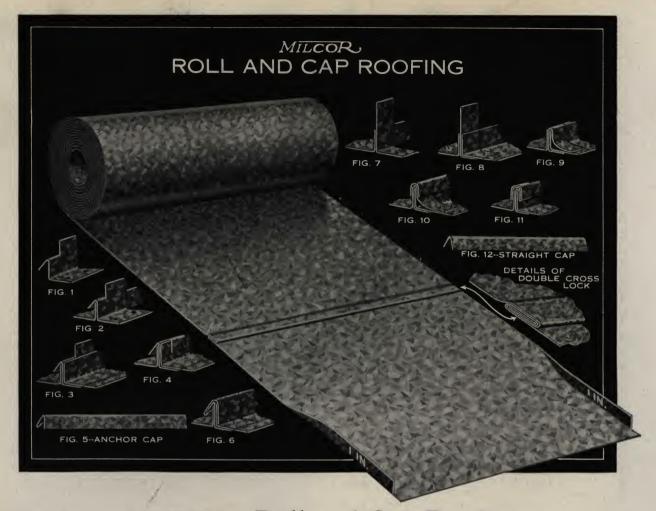
Tools necessary:
1 pair 1½ inch Flanging Tongs
1 pair 1¾ inch Flanging Tongs

1 pair 1 inch Double Seamers

1 pair 11/2 inch Double Seamers

See Page 45

Net prices given in Current price list.



MILCOR Roll and Cap Roofing

OUBLE Cross-locked together, notched and resquared on ends and sides. We furnish caps from two to eight feet in length and always ship caps and cleats with this style of roofing unless otherwise

This roofing has a distinctive feature in using separate caps formed over the turned-up edges to make standing seam. It is most easily and readily laid.

Sheets 26 inches wide 50 feet long will cover 100 sq. feet.



Furnished in Milcor Galv. Sheet Steeel unless otherwise ordered.

WEIGHTS AND GAUGES

Gauges	No. 29	No. 28	No. 26	
Weights Per Square Galvanized	86 lbs.	93 lbs.	108 lbs.	Including Caps
Weights Per Square Painted		76 lbs.	91 lbs.	and Cleats

DIRECTIONS FOR APPLYING ROLL AND CAP ROOFING With Anchor Caps and Cleats or with Straight Caps and Long Cleats

Measure the length required to reach from Eave to Ridge, allowing 1 inch on one side and 1½ inches on the other side of roof for Standing Seam on Ridge, also allow 1½ to 2 inches to bend down at Eaves. When working from left to right hand—for the first course turn down 1 inch on left side of Sheet for fitting over edge of Sheathing at Gable end, and nail same securely with ¾ inch barbed roofing nails spaced about 2 inches

about 2 inches.
Then flange up the right hand side of sheet length with the 1 inch Flanging Tongs.

Then flange up the right hand side of sneet length with the Flanging Tongs.

After the first course is in place, nail the split cleats Fig. 1 along the 1 inch flange (about every 14 inches) like in Fig. 2.

Then flange up the left side of next course 1 inch and place same against the first course like in Fig. 3. Then bend the extending part of cleat over the 1 inch flange of sheet like in Fig. 4.

The Anchor Cap Fig. 5, place over the standing Seam like in Fig. 6, letting it overlap each section 1 inch at the upper end. Then with the Squeezing Tongs close the Standing Seam tight.

For Straight Caps and Long Cleats flange the courses same as above described. After first course is laid nail the cleats along the flanged

edge like in Fig. 7. Place next course against first like in Fig. 8 and bend Cleat down like in Fig. 9. Then place Straight Caps, Fig. 12, over Seam like in Fig. 10 and bend the long end of cleat back over Caps and with Squeezing Tongs close seam tight like in Fig. 11.

To finish each Seam approaching Ridge or Hip, flatten down the Standing Seam about 6 to 8 inches.

Always finish each Course before laying the next.

The finish of Ridge or Comb of Roof can be made same as the Standing Seam, by letting the sections pass the center of Ridge enough to flange up 1 inch on one side and 1½ inches on the other side.

If Ridge Roll is used—instead of allowing the 1 and 1½ inches on top of Ridge for Standing Seam, allow only ½ inch on one side and flatten down as an overlap.

Hips are always finished the same way as Ridge, after cutting to the proper angle.

Tools necessary:

1 pair 1 inch Flanging Tongs 1 Cap Squeezer 1 Cap Squeezer 2 See Page 45
Net Prices given in Current Price List.

Directions for Applying Pressed Standing Seam Roofing

Each sheet before being laid should be snipped in or notched $\frac{5}{8}$ inch at both ends, within $\frac{1}{2}$ inch to the Standing Seams, and end locks turned by bending the upper end up and the lower end down in an interlocking manner.

When working from left to right hand for the first course, mallet down the Standing Seam on Left Hand Side of Sheet and turn down edge about 1 inch for fitting over edge of Sheathing at Gable End, and nail same securely with $\frac{3}{4}$ inch Galvanized barbed roofing nails, spaced about 2 inches after letting the lower end of sheet project about 1 or $\frac{1}{2}$ inches at Eaves. This end snip in close to Standing Seam, turn down over Eaves and nail. The Standing Seam portion projecting over Eaves bend back against its side.

After the first sheet is in place nail it under the end lock flange to sheathing. Then in the same course following up the roof, place the next sheet in position by hooking the end lock flanges together, and mallet down. In this manner lay all sheets in the same course up to ridge at which point let the course project one inch on one side and $1\frac{1}{2}$ inches on the other side of roof, for Standing Seam on Ridge.

If Ridge Roll is used—instead of allowing the 1 and $1\frac{1}{2}$ inches on the top of Ridge for Standing Seam, allow only $\frac{1}{2}$ inch, on one side and flatten down as an overlap.

After the first course is laid, nail the cleats along the right hand Standing Seam length (about every 14 inches) bending the cleats over the Standing Seam as indicated in the roofing illustrations.

In laying the next (and subsequent) course overlap the right with the left hand Standing Seam, then turn the exposed portion of cleats back over the Standing Seam and with the Cap squeezer press or finish the Standing Seam.

Always finish each course before laying the next.

To finish each Seam approaching Ridge or Hip, flatten down the Standing Seam about 6 to 8 inches.

Hips are always finished the same way as the Ridge, after cutting to the proper angle.

NOTE—When working from right to left on roof the application is the same reversed.

Tools necessary-

1 End Lock Former See Page 45 1 Cap Squeezer

The foregoing directions apply to all Pressed Standing Seam Roofing with the exceptions noted on the ofllowing styles.

Certified Standing Seam Roofing, Page 67. Unexposed wire inserted cleats are used, also a special Tool for squeezing the Standing Seams.

Corrugated Pressed Standing Seam Roofing, Page 68. Instead of locking sheets together at ends, simply overlap about 3 inches and leave ends at eaves project.

Ornamental Pressed Standing Seam Roofing, Page 69. Instead of locking sheets together at ends, simply overlap about 3 inches, holding the overlapping sheet ends down with two cleats nailed to sheathing and turn them back over overlapping end.

Superior Pressed Standing Seam Roofing, Page 70. See directions for applying given.



Always state gauge wanted and whether galvanized or painted.



Directions for applying Pressed Standing Seam Roofing will be found on Page 65.

No. 26 Gauge

THE three styles of this type of roofing are all made in galvanized or painted Sheet Steel, Coppered Metal and Armco Ingot Iron in the gauges and sizes listed below.

Pressed Standing Seam Roofing

Gauges	. No	0. 29		No. 28 No. 26						
Veight Per Square Galvanized			lbs.	86 lbs. 100 lbs.						
Weight Per Square Painted				70 lbs.			84 lbs.			
Lengths	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.			
No. of Sq. Ft. Per Sheet	12	14	16	18	20	22	24			

Beaded Pressed Standing Seam Roofing

Gauges							
Weight Per Square Galvanized		78 lbs. 86 lbs.		1	101 lbs.		
Weight Per Square Painted				72 lbs.		86 lbs.	
Lengths	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	12 Ft.	

"Noiseless" Pressed Standing Seam Roofing

No. 29 Gauge

No. 28 Gauge

Gauges and Widths	12 in.	18 in.	12 in.	18 in.	12 in.	18 in.
Weight Per Square Galvanized	90 lbs.	83 lbs.	97 lbs.	91 lbs.	113 lbs.	105 lbs.
Weight Per Square Painted			78 ıbs.	73 lbs.	94 lbs.	87 lbs.
Lengths	6 Ft.	7	Ft.	8 Ft.	9 Ft.	10 Ft.
Lengths No. of Square Feet Per Sheet 12 in		7	Ft. 7	8 Ft. 8	9 Ft.	10 Ft.



MILCOR Certified Standing Seam Roofing

THE wire in the cleat for this roofing, illustrated above, insures perfect forming of the Standing Seam, when the Roofing Seamer is applied. It also materially strengthens the seam.

Furnished in galvanized Milcor Sheet Steel, galvanized Coppered Metal, and galvanized ARMCO Ingot Iron in the gauges and sizes listed below. Prices given in Milcor Current price list.

Directions for applying Milcor Certified Pressed Standing Seam Roofing are given below.



Furnished in Galvanized Milcor Sheet Steel unless otherwise specified.

Gauges	79 lbs.			No. 28 87 lbs.			No. 26		
Weight Per Square Galvanized							103 lbs.		
Weight Per Square Painted	74 lbs.				88 lbs.				
Lengths	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.		
No. of Sq. Ft. Per Sheet	12	14	16	18	20	22	24		

DIRECTIONS FOR APPLYING PRESSED STANDING SEAM ROOFING

To form end lock.

Notch sheets $\frac{5}{8}$ inch, both ends, $\frac{1}{2}$ inch inside standing seams. Turn upper end up, lower end down in interlocking manner.

For first course mallet down seam on side of sheet. Turn down END about 1 inch over edge of sheathing at Gable End. Nail with 34 inch nails every 2 inches. Let lower end project 1 or 1½ inches at Eaves. Turn down over Eaves

When first sheet is in place, nail under end lock flange to sheathing. Hook end lock flanges together. Follow up the roof with sheets. At Ridge let the course project one inch on one side and 1½ inch on the other side, for Standing Seam on Ridge.

If Ridge Roll is used allow only ½ inch on one side and flatten down as overlap.

When first course is laid, nail cleats at side every 14 inches, bending cleats over seam as shown in illustrations.

In laying subsequent courses, overlap standing seam, then turn the exposed portion of cleats back over standing seam and press or finish with Cap Squeezer. Always finish each course before laying next.

To finish the seam, approaching the ridge or hip, flatten down the standing seam about 6 to 8 inches.

Hips are finished same way as ridge.

Tools necessary: 1 Roofing Seamer 1 End Lock Former See Page 45



MILCOR 21/2 and 11/4 inch Corrugated Pressed Standing Seam Roofing

Furnished in Milcor Sheet Steel, ARMCO Ingot Iron and Coppered Metal in the gauges and



sizes listed below. See prices in current price list.

Weights Per Square Galvanized		No. 29		No. 28		No. 26		
		. 88			91 lbs. 73 lbs.		105 lbs. 87 lbs.	
LENGTHS	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.	
No. of Sq. Ft. Per Sheet	12	14	16	18	20	22	24	

Directions For Applying Corrugated Pressed Standing Seam Roofings

In applying Corrugated Pressed Standing Seam Roofing, each course of sheets is laid to overlap the course below about 3 inches.

Working from left to right for the first course, mallet down the Standing Seam on Left Hand Side of Sheet and turn down edge about 1 inch for fitting over edge of Sheathing at Gable End. Nail same securely with 34 inch Galvanized barbed roofing nails, spaced about 2 inches, after letting the lower end of sheet project about 1 or 1½ inches at Eaves. This end snip in close to Standing Seam, turn down over Eaves and nail. Bend back the Standing Seam to portion projecting over Eaves against its side.

After the first sheet is in place, nail it under the end lock the roof, place the next sheet is in place, han't under the end lock flange to sheathing. Then in the same course following up the roof, place the next sheet in position with an overlap of 3 inches. In this manner lay all sheets in the same course up to ridge at which point let the course project 1 inch on one side and 11/2 inches on the other side of roof, for

one side and 1½ inches on the other side of root, for Standing Seam on Ridge. If Ridge Roll is used—instead of allowing the 1 and 1½ inches on the top of Ridge for Standing Seam, allow only ½ inch, on one side and flatten down as an overlap. After the first course is laid, nail the cleats along the right hand Standing Seam length (about every 14 inches) bending the cleats over the Standing Seam as indicated in the roofing illustrations. roofing illustrations.

In laying the next (and subsequent) course overlap the right with the left hand Standing Seam, then turn the exposed portion of cleats back over the Standing Seam and with the Cap Squeezer press or finish the Standing Seam. To finish each Seam approaching Ridge or Hip, flatten

down the Standing Seam about 6 to 8 inches. Hips are always finished the same way as Ridge, after cutting to the proper angle.

Tools necessary: One Cap Squeezer. See Page 45.



Ornamental Pressed Standing Seam Roofing

Furnished in galvanized Milcor Sheet Steel, galvanized ARMCO Ingot Iron, and galvanized Cop-



pered Steel in the gauges and lengths listed below. See prices in current price list.

GAUGES	No. 29	No. 28	No. 26
Weight Per Square Galvanized	78 lbs.	86 lbs.	101 lbs.
Weight Per Square Painted		72 lbs.	86 lbs.
LENGTHS	5-Feet	8-Feet	10-Feet
No. of Square Feet Per Sheet	10	16	20

Directions For Applying Ornamental Pressed Standing Seam Roofings

Ornamental Pressed Standing Seam Roofing is not endlocked. Instead let the sheets overlap about 3 inches, holding the overlapping sheet ends down with two cleats nailed to the sheathing and turned back over the overlapping sheet end.

Working from left to right for the first course, mallet down the Standing Seam on Left Side of Sheet and turn down edge about 1 inch for fitting over edge of Sheathing at Gable End. Nail same securely with 3/4 inch Galvanized barbed roofing nails, spaced about 2 inches, after letting the lower end of sheet project about 1 or 11/2 inches at Eaves. Snip this end in close to Standing Seam, turn down over Eaves and nail. Bend back the Standing Seam portion projecting over Eaves against its side.

After the first sheet is in place, nail it under the overlap to sheathing. Then in the same course following up the roof, place the next sheet in position with an overlap of 3 inches. In this manner lay all sheets in the same course up to ridge at which point let the course project 1 inch on one side and

 $1\frac{1}{2}$ inches on the other side of roof, for Standing Seam on Ridge.

If Ridge Roll is used—instead of allowing the 1 and 1½ inches on the top of Ridge for Standing Seam, allow only ½ inch, on one side and flatten down as an overlap.

After the first course is laid, nail the cleats along the right hand Standing Seam length (about every 14 inches) bending the cleats over the Standing Seam as indicated in the roofing illustrations.

In laying the next (and subsequent) course overlap the right with the left hand Standing Seam, then turn the exposed portion of cleats back over the Standing Seam and with the Cap Squeezer press or finish the Standing Seam.

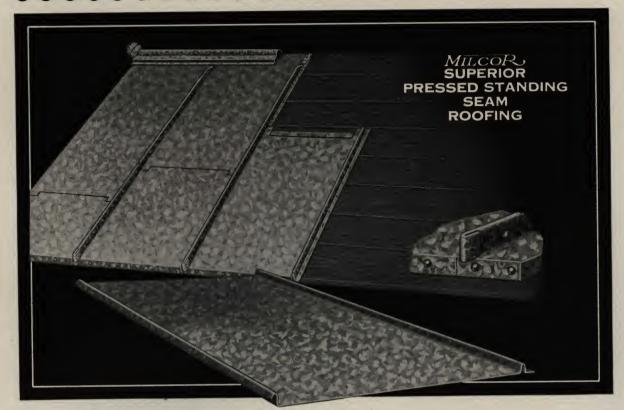
To finish each Seam approaching Ridge or Hip, flatten down the Standing Seam about 6 to 8 inches.

Hips are always finished the same way as Ridge, after cutting to the proper angle.

Tools necessary:—One Cap Squeezer. See page 45.

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MILCOR Superior Pressed Standing Seam Roofing

Furnished in galvanized Milcor Sheet Steel, galvanized Coppered Metal, and galvanized ARMCO Ingot Iron in the gauges and sizes listed below.

Prices are shown in the Current Milcor Net Price List.



Ridge Roll and Finials to use with this roofing are shown on page 32.

Weights per Square Galvanized Weights per Square Painted		No. 29 83 lbs.		91 lbs. 73 lbs.		105 lbs. 87 lbs.	
LENGTHS Number of Square Feet per Sheet	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft. 20	12 Ft.	

DIRECTIONS FOR APPLYING SUPERIOR PRESSED STANDING SEAM ROOFING

To form end lock, notch sheets 5% inch, both ends, 1/2 inch inside of standing seams. Turn upper end up, lower end down in interlocking manner.

Working left to right, for the first course, mallet down the Standing Seam on left side of sheet, and turn down edge about 1 inch for fitting over edge of sheathing at gable end. Nail securely with ¾ inch galvanized barbed roofing nails. Let lower end project 1 or 1½ inch at eaves. Turn down over eaves and nail.

With the first sheet in place, nail it under the end lock flange to sheathing. Follow up the roof placing the next sheet in position by hooking end lock flanges together and mallet down. Nail to sheathing along the outer contin-uous flange with 1 inch galvanized barbed roofing nails.

Lav all sheets in the same course in this manner up to ridge. If Ridge Roll is used allow only 1/2 inch on one side and flatten down as overlap.

In laying subsequent courses, overlap the right with the left Standing Seam, and press or finish the standing seam with the "Superior" Cap Squeezer. Always finish each course before laying next.

To finish the seam, approaching the ridge or hip, flatten down the standing seam about 6 to 8 inches. Hips are finished same way as ridge.

Tools necessary:

1 End Lock Former 1 "Superior" Cap Squeezer See Page 45



MILCOR "Twodrain" Channel Roofing

THE profile of the side-lap of "Twodrain" Channel Roofing is entirely new. Its design is triple insurance against leakage. Yet there is nothing complicated about laying it and no special tools are required.

Note that on the under sheet at the right of the inside channel a short V crimp under the lap is a first protection against leaks. If water is driven over this V crimp by the force of the wind or runs over from capillary attraction, it drains down and off the roof in the first or right-hand channel. Then comes the high V crimp and the left-hand drain channel which seal the roof against leaks in any weather. Note that the left-hand channel is as deep and complete as is the right-hand channel.

That is effective triple protection at the side laps. Water-proof, windproof, and proof against any carelessness in laying.

The end laps of "Twodrain" Channel Roofing may be made in two ways. It could be lapped as with Corrugated roofing, with as effective results, or it may be end-locked in the same manner as for Pressed Standing Seam roofing or V-Crimp roofing, thus effecting a saving in lengths.

Nailing of Twodrain roofing should be straight down through the center of the V-Crimp with a 1½" lead-

headed roofing nail on new roofs nailing direct to roof boards. On old roofs laying "Twodrain" over old roofing, 2'' nails should be used. From $1\frac{1}{2}$ lbs. to 2 lbs of nails will be required per square.

Made in 2-V and 3-V Styles

Milcor "Twodrain" Channel roofing is made in two styles—2-V and 3-V. On the 2-V the "V" formations are on 24 inch centers, and the 3-V Twodrain has "V" formations on 12 inch centers.

Each Twodrain sheet covers 24 inches and please note that it is sold on the basis of coverage.

The two styles in which Twodrain roofing is formed makes it adaptable to roofs on both large and small buildings. The 3-V style is especially adaptable to smaller roofs and the 2-V style to roofs of wider expanse. Both look well on any roof and it will be found that architects like this style of roofing, just as they do the older style Standing Seam Roofing.

"Twodrain" Channel Roofing is regularly formed from Milcor Galvanized Steel Sheets in three weights as listed below. For prices please refer to current price list. Ask for prices on "Twodrain" roofing made from Armco Ingot Iron or Coppered Metal.

GALVANIZED

			GALVANIZED			
Adjusta	able Ridge Roll	for 2-V and 3-V	TWODRAIN CHANNEL ROOFI	NG WEIGHT	TS PER SO	UARE
Guage	List Price	Weight			1211 30	
29	\$.17 per ft.	76 lbs. per 100 ft.	Gauges	No. 29	No. 28	No. 26
28		83 lbs. " " " 2	Weight Per Sq. Galv	81	88	102
26		96 lbs. " " " 3	Weight Per Sq. Galv	84	91	106

Girth 131/2 inches. Made in 26 inch lengths



MILCOR 2-V Crimp Roofing

URNISHED in galvanized Milcor Sheet Steel, galvanized ARMCO Ingot Iron and galvanized Coppered Metal in the gauges and lengths listed below.

Triangular wood sticks to use with this roofing furnished in lengths from 6 to 12 feet.

Ridge Roll and Finials to be used with this roofing shown on page 32.



Furnished in Galvanized Milcor Sheet Steel unless otherwise specified.

GAUGES	No. 29	No. 28	No. 2	6 No	. 24	No. 22	No. 20
Weight per Square Galvanized Weight per Square Painted	78 lbs.	85 lbs. 69 lbs.	98 lbs 82 lbs			152 lbs. 137 lbs.	179 lbs. 164 lbs.
LENGTHS	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.
Number of Square Feet per Sheet	12	14	16	18	20	22	24

DIRECTIONS FOR APPLYING V-CRIMP ROOFINGS

To form end locks notch sheets $\frac{5}{8}$ inch at both ends, close to V-Crimp. Bend upper end up, lower end down in interlocking manner.

For first course mallet down V-Crimp about 1 inch. Turn edge over sheathing at Gable End. Nail with $\frac{3}{4}$ inch roofing nails about every 2 inches. Let lower end of sheet project about 1 or $1\frac{1}{2}$ inch at eaves and slip wood strip under V-Crimp until the lower end is flush with the eaves. To finish eaves: snip sheets; turn down over edge and nail. Always slip wood sticks in from side of sheets not closer than 6 to 8 inches from ridge.

When first sheet is in place nail under end lock flange to sheathing. Hook end lock flanges together, mallet down

and follow up roof to ridge. Let course project 1 inch at one side and $1\frac{1}{2}$ inch on other side, for standing seam.

If Ridge Roll is used allow only $\frac{1}{2}$ inch on one side and

In laying next course overlap V-Crimp of sheets, nail through V-Crimp and wood stick with 1¾ inch roofing nails about every 15 to 18 inches.

Always finish one course before laying the next. To finish seam approaching ridge or hip, flatten down V-Crimp about 6 to 8 inches.

Hips are finished same as Ridge.

Tools necessary:

1 End Lock Former-See Page 45



MILCOR, 3-Vand 4-V Crimp Roofing

Furnished in galvanized Milcor Sheet Steel, galvanized ARMCO Ingot Iron and galvanized Coppered Metal in the

SHEET

COPPERED

GALVANIZED OR PAINTED

gauges and lengths listed below. Triangular wood sticks to use with this roofing furnished in lengths from 6 to 12 feet.

3-V Crimp Roofing

Gauges	No. 29	No. 28	No. 20	6 No	. 24	No. 22	No. 20
Weight Per Square Glavanized	79 lbs.	86 lbs.	100 lbs	128	lbs.	155 lbs.	183 lbs.
Weight Per Square Painted		70 lbs.	84 lbs	3. 112	lbs.	139 lbs.	167 lbs.
Lengths	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.
No. of Sq. Ft. Per Sheet	12	14	16	18	20	22	24

4-V Crimp Roofing

Gauges	No. 29	No. 28	No. 9	26	No.	24	No. 22	No. 20
Weight Per Square Galvanized	83 lbs.	90 lbs.	104 lb	os.	133	lbs. 1	62 lbs.	191 lbs.
Weight Per Square Painted		73 lbs.	87 lk	os.	116	lbs. 1	45 lbs.	174 lbs.
Lengths	6 Ft.	7 Ft.	8 Ft.	9 1	Ft.	10 Ft.	11 Ft.	12 Ft.
No. of Sq. Ft. Per Sheet	12	14	16	13	8	20	22	24

See Directions for Applying V-Crimp Roofing Page 72



MILCOR 2½ and 1¼-inch Corrugated V-Crimp Roofing

PURNISHED in galvanized Milcor Sheet Steel, galvanized ARMCO Ingot Iron and galvanized Coppered

Metal in gauges and lengths listed below. Triangular wood sticks to use with this roofing furnished in 6 and 12 ft.lengths.

Ridge Roll and Finials to be used with this roofing shown on page 32.



Furnished in Galvanized Milcor Sheet Steel unless otherwise specified.

GAUGES	No. 29	No. 28	No. 26	No. 24
Weight per Square Galvanized	83 lbs.	91 lbs.	105 lbs.	135 lbs.
Weight per Square Painted		73 lbs.	87 lbs.	117 lbs.
	- Di 1 0	E 10 E	4 11 E4	1 10 F+

LENGTHS 16 18 Number of Square Feet per Sheet. 12 14

DIRECTIONS FOR APPLYING V-CRIMP ROOFING

When working from left to right hand for the first course mallet down the V-Crimp on Left Side of Sheet and turn down edge about 1 inch over edge of Sheathing at Gable End. Nail securely with ¾ inch galvanized barbed roofing nails. Let the lower end of sheet project about 3 or 4 inches at Eages. Then slip a V wood strip under the V Crimp of the V Cr at Eaves. Then slip a V wood strip under the V-Crimp of Sheets with the lower end flush with Eaves.

The V wood sticks should not run up closer than within 6 to 8 inches of the ridge. Always slip them in from the

side of sheets.

After the first sheet is in place, overlap each succeeding Sheet in the course about 3 inches. In this manner lay all sheets in the same course up to ridge, at which point let the course project one inch on one side and $1\frac{1}{2}$ inches on the other side of roof, for Standing Seam on Ridge. If Ridge Roll is used—allow only 1/2 inch, on one side and flatten down as an overlap.

In laying the next course overlap the right with the left V-Crimp of Sheets and along the left or overlapping side near the top edge of V-Crimp nail through same and wood sticks to the roof (with 13/4 inch Galvanized Barbed Roofing Nails, spaced about every 15 to 18 inches). Always finish each course before laying the next.

To finish each Seam approaching Ridge or Hip, flatten down V-Crimp about 6 to 8 inches.

Hips are always finished the same way as Ridge, after

cutting to the proper angle.

NOTE: When working from right to left on roof the application is the same reversed.



MILCOR Weather Board Siding

RURNISHED in galvanized Milcor Sheet Steel, galvanized ARMCO Ingot Iron, and galvanized Coppered Steel in the gauges and lengths listed below.

Always state gauge wanted and whether galvanized or

Always state gauge wanted and whether galvanized or painted. Each sheet shows 6 boards, 4 inches wide. Full width 25 inches. Covering width 24 inches. Steel Weather Board Siding is especially desirable for various types of buildings, such as garages and tractor barns on farms, or in any location where there is a special fire hazard. The metal siding and roofing on buildings of this

kind have saved many a neighborhood a costly fire, and in other cases have saved automobiles and tractors housed in metal garages close to fierce fires.

This Weather Board Siding is used on Milcor garages shown on pages 103 and 104, over a metal frame, but it is highly protective when applied over wood sheathing or direct on studs.

Coppered Metal or ARMCO Ingot Iron is especially desirable in Milcor Weather Board Siding, on account of their rust-resisting qualities.

Prices on Milcor Weather Board Siding are shown in the latest Milcor Net Price Book.



Furnished in Galvanized Milcor Sheet Steel unless otherwise specified.

Gauges	No. 29	No. 28	N	lo. 26	No. 24
Weight Per Square Galvanized	81 lbs.	88 lbs.	10	02 lbs.	130 lbs.
Weight Per Square Painted		71 lbs.		86 lbs. 114 lbs	
Lengths	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.
No. of Sq. Ft Per Sheet	19	14	16	10	90

MILCOR Metal Corner Board No. 991



ILCOR Metal Corner Board is used to properly finish the corners and angles of buildings where Milcor Weather Board Siding is used. Metal Corner Board is made from Milcor Sheet Steel, ARMCO Ingot Iron or Coppered Metal galvanized or painted to match the Milcor Weather Board Siding shown above. Made in lengths of 2 to 8 feet with 10 inch girth.

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO. MILCOR Plain Beaded Siding and Ceiling



PURNISHED in galvanized Milcor Sheet Steel, galvanized ARMCO Ingot Iron and galvanized Coppered Metal in the gauges and lengths listed below. Beads are 3% inches wide, 3% inches deep and 3 inches

apart. Full width 25½ inches, covering width 24 inches. Always state gauge wanted and whether galvanized or painted.

Milcor Plain Beaded Siding and Ceiling is firesafe and easily erected.



Galvanized Milcor Sheet Steel furnished unless otherwise specified

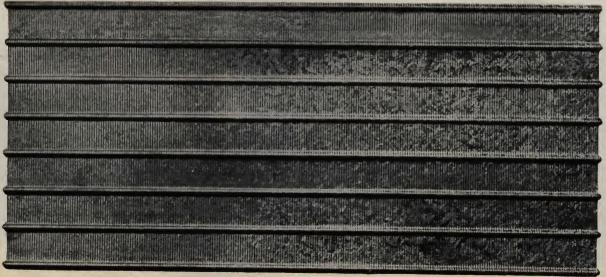
Gauges			No. 29	6 0	No. 28	8	No.9	26
Weights Per Square Galvanized			78 lbs.		85 lbs.		98 lbs.	
Weights Per Square Painted					69 lbs		82 11	os.
Lengths	5 Ft.	6 Ft.	7 Ft.	8 Ft.	9 Ft.	10 Ft.	11 Ft.	12 Ft.
No. of Sq. Ft. Per Sheet	10	12	14	16	18	20	22	24

MILCOR Crimped Beaded Siding and Ceiling

Furnished in the materials and in the gauges and lengths listed above for Plain Beaded Siding and Ceiling.



The Crimped Beading on this sheet strengthens it considerably over the Plain Beaded Siding shown above.



MILCOR METAL BRICK AND STONE FACE SIDING

UR Metal Sidings, because of the perfect stampings, are good facsimiles of and substitute for brick or stone. They are unequaled for beauty in appearance, durability and protection against fire. Most insurance underwriters give this style of covering the same rating as brick or stone.

They cost about half as much as wood and a great deal less than brick. Can be applied by any mechanic over solid sheathing.

Directions For Applying Over Wood Sheathing

One: With a spirit level and chalk line get the level of your building entirely around its base or top and strike a line corresponding thereto.

Two: Place a full sheet of siding at one corner of the building, allowing the end to extend two or more feet past the corner so that the cross grooves are immediately over the corner, the lower edge of the sheet resting on the chalk line. Three: Nail the sheet to the wall through the grooves sufficiently to hold it fast and to bring it down solid all the way along. Begin at the middle of the sheet to nail and work towards the ends and sides, putting nails two or three bricks apart. Never nail through the brick.

Four: Bend the projecting two feet around the corner with the hands or with a piece of board, using a mallet slightly to bring down any uneven places.

Five: Lay around the building until you meet the first sheet laid. Place the first sheet of the second tier over the first so as to break joints perfectly as in brick work, letting the half groove at the bottom of the sheet lap over the first and fit closely in the half groove at the top of the first sheet.

Six: Window and door frames should not be put in until after the siding is on. But in case the frames are in, the Steel Siding may be applied and faced at doors and windows the same as for wood siding.

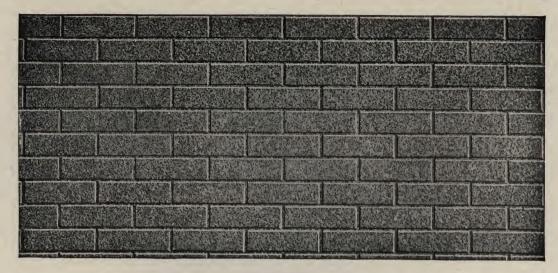
Seven: At windows or doors cut the sheets about three inches above the bottom sill, and the same distance from the side. Then cut from the corner, thus formed, obliquely to the corner of the window or door space, bend the steel with the hands down upon the window sill and around the side of the studding, and nail it fast. The window frames fit in over these laps and show a complete brick finish.

Kind of Nails To Use

The best nails to use are $\frac{7}{8}$ barbed roofing nails or three penny common wire nails, either of which may be readily driven through the grooves without the use of a punch. Always use a nail set to drive a nail home. It requires about $\frac{3}{4}$

of a pound of these nails to a square of siding. In case purchasers of our Siding cannot obtain suitable nails in their towns, we will furnish them at market prices. Order necessary nails with Brick or Stone Face Siding.

MILCOR "Imperial" Pressed Brick Siding



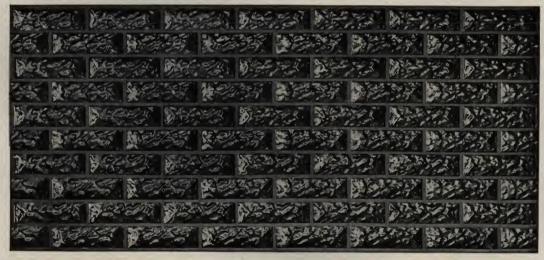
Furnished in galvanized Milcor Sheet Steel, galvanized Coppered Metal and galvanized ARMCO Ingot Iron.



Size of single bricks 2-4/5 x81/4 inches; sheets, 28x60 inches. Lays perfectly smooth after painting; has the appearance of pressed brick.

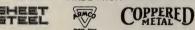
No. 29 gauge	72 lbs.	
No. 28 gauge	78 lbs.	64 lbs.
No. 26 gauge	91 lbs.	76 lbs.

MILCOR Rock-Face Brick Siding



Furnished in galvanized Milcor Sheet Steel, galvanized Coppered Metal and galvanized ARMCO Ingot Iron.

We advise the use of Rock-Face Siding in preference to Plain Brick Siding. It will not buckle on account of expansion or contraction.



GALVANIZED OR PAINTED

Size of brick 2-4/5x81/4 inches; sheets 28x60 inches.

No. 29 gauge	72 lbs.	
No. 28 gauge	78 lbs.	64 lbs.
No. 26 gauge	91 lbs.	76 lbs.

All above siding should be applied over solid sheathing. When ordering Rock-Face Siding allow 4 to 6 square feet to the 100 square feet for laps. Net prices given in latest price list.

MILCOR, Rock-Face Stone Siding No. 1



PURNISHED in galvanized Milcor Sheet Steel, galvanized Coppered Metal and galvanized ARMCO Ingot Iron.

Size of single stone 7x12 inches. Sheets 28x60 inches. This metal siding shows a striking likeness to a chipped rock and makes an attractive sheet metal covering.





GALVANIZED OR PAINTED

	Weight Gal.	Weight Painted
No. 29 gauge	72 lbs.	
No. 28 gauge	78 lbs.	64 lbs.
No. 26 gauge	91 lbs.	76 lbs.

MILCOR Rock-Face Stone Siding No. 2



Size of single stone 9-1/3x20 inches; sheets 28x60 inches.



•	Weight Gal.	Weight Painted
No. 29 gauge	72 lbs.	
No. 28 gauge	78 lbs.	64 lbs.
No. 26 gauge	91 lbs.	76 lbs.

All above siding should be applied over solid sheathing. When ordering Rock-Face siding, allow 4 to 6 square feet to the 100 square feet for laps.

MILCOR Rock-Face Stone Siding No. 3



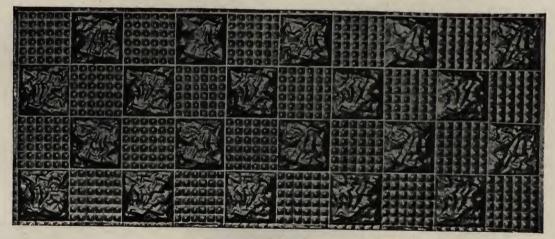
Furnished in galvanized Milcor Sheet Steel, galvanized Coppered Metal and galvanized ARMCO Ingot Iron.



Size of single stone 6x6 inches; sheets 24x60 inches.

N. aa	Weight Galv.	Weight Painted
No. 29 gauge	72 lbs.	
No. 28 gauge	78 lbs.	64 lbs.
No. 26 gauge	91 lbs.	76 lbs.

MILCOR Rock-Face Stone Siding No. 4





N 40	Weight Galv.	Weight Painted
No. 29 gauge	72 lbs.	
No. 28 gauge	78 lbs.	64 lbs.
No. 26 gauge	91 lbs.	76 lbs.

All above siding should be applied over solid sheathing. When ordering Rock-Face Siding allow 4 to 6 square feet to the 100 square feet for laps.

Net Prices given on latest price list.



MILCOR

Metal Brick Corners and Continuous Rock-Face Stone

MADE FRO





COPPERED

GALVANIZED OR PAINTED

ILCOR Brick Corners are necessary for finishing buildings on which our Plain or Rock-Face Brick and Stone Siding are used.

Milcor Continuous Rock-Face Stone is used for window sills and belt

courses.
All our stampings are clear and the designs stand out in bold relief. Milcor Sheet Metal Siding and Corners are easily and quickly applied. They give

ideal protection against fire.

When ordering be sure to specify metal wanted and whether galvanized or painted.

painted.

List Prices Per Linear Foot.....



No. 20—6 inches wide, 5 feet long Galvanized

List Prices Per Linear Foot.....

Painted \$.04½



No. 21-8 inches wide, 5 feet long

Galvanized

Painted \$.06



No. 22-10 inches wide, 5 feet long

List Prices Per Linear Foot.....

Galvanized \$.10 Painted \$.07\frac{1}{2}



No. 23-12 inches wide, 5 feet long

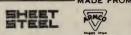
List Prices Per Linear Foot.....

Galvanized \$.12 Painted \$.09

Net prices given in Current price list.

MILCOR Rock-Face Corner and Pilaster Finish

Made from galvanized Milcor Sheet Steel, galvanized Coppered Metal and galvanized ARMCO Ingot Iron.

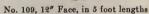


COPPERED

GALVANIZED OR PAINTED

These corners and pilaster are necessary for making a neat finish on buildings covered with metal Rock-Face siding.







No. 110, 12" Face, in 5 foot lengths



No. 113 Rock-Face Stone Pilaster, in 5 foot lengths

HOW TO APPLY

Corners show 12" to the weather on each face. Use a woodback %" thick by width of corner plate. After placed in position, apply the siding.

toon, affect one annual.	Galvanized	Painted
No. 109 12" Face, in 5 foot lengths	. \$0.24 per Ft.	\$0.18 per Ft. 0.18 " "
No. 110 12" Face, in 5 foot lengths.		0.18 " "
No. 113 Rock-Face Stone Pilaster, in 5 foot lengths		
10" Face, 4" Return	. \$0.18 per Ft.	\$0.13½ per Ft.
12" Face, 4" Return	20 per Ft.	.15 per Ft.
16" Face, 4" Return	24 per Ft.	.18 per Ft.
Not prigag given in latest price list		

MILCOR

Galvanized Window and Door Caps

Artistic and Architecturally True in Designs



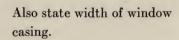
Furnished in Galvanized Milcor Sheet Steel unless otherwise specified.



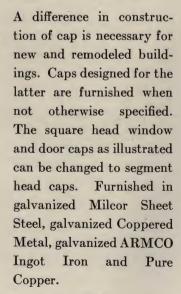
Directions for Ordering

For circular head openings, give radius.

Always state width of opening between brickwork in inches; and give the depth of the recess from the face of the wall to the window frame.



State if caps are to be built in brickwork, or put on building already erected.















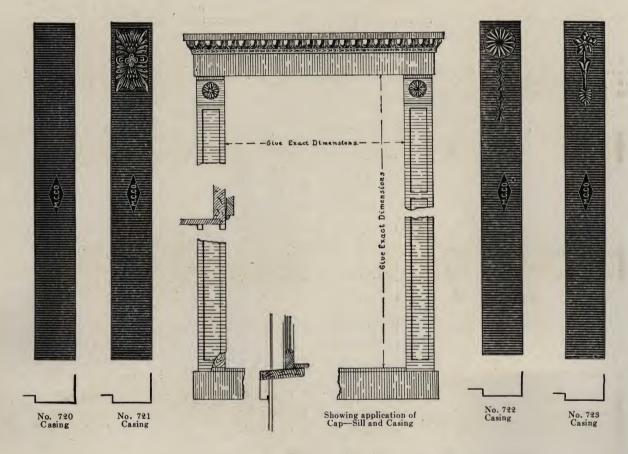


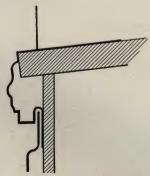
MILCOR Galvanized Window Casing and Sills

Furnished, made from galvanized Milcor Sheet Steel, galvanized Coppered Metal, galvanized ARMCO Ingot Iron and Pure Copper.



The quality and architectural correctness of our sheet metal building material always gives satisfaction.





Showing Application of Sills



SILLS

No. 730 Sill



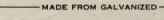
No. 731 Sill

MILCOR Galvanized Rock-Face Stone Window and Door Caps

M ILCOR Rock-Face Stone Window and Door Caps should be used to make a complete and satisfactory job on buildings where our Plain or Rock-Face Brick or Stone Siding are used. They are easy to apply and

they improve the appearance of the buildings. These Window and Door caps are made up to order. We fit them complete ready to place in position. Send us your specifications and we will quote your prices.

When ordering give complete specifications. Furnished in galvanized Milcor Sheet Steel unless otherwise ordered.







COPPERED

Be sure to give size of opening between brick work. Special orders will be given our careful attention.



No. 927 Face 6 inches



No. 928 Face 6 inches



No. 929 Face 6 inches



No. 930 Face 8 inches



No. 931 Face 8 inches



No. 932 Face 8 inches



No. 933 Face 8 inches



No. 500 Face 8 inches

MILCOR Galvanized Sheets



Milcor open hearth galvanized sheets are extra soft, ductile and easily workable. They are tightly coated with prime spelter. All sheets run uniform in length and width. Strong steel bands hold the bundles together in shipment. We keep an extra large stock of Milcor Galvanized Sheets on hand at all times, and can give you prompt 24-hour service on . all stock sizes and gauges.

Carried in standard widths and lengths in the following gauges: Nos. 30, 29, 28, 27, 26, 24, 22, 20, 18, 16, 14 and 12.

MILCOR, Galvanized COPPERED Sheets



Copper, when properly alloyed with steel, has a remarkable influence in retarding atmospheric corrosion. Various tests to determine the proper percentage of copper, for the best results, have given Milcor the basis for their COPPERED METAL

Milcor Galvanized Coppered Metal Sheets are highly rust resistant and their reasonable prices make them popular and profitable.
Carried in standard widths and lengths in the following gauges: Nos. 28, 27, 26, 24, 22, 20, 18, 16 and 14.

ARMCO Ingot Iron Galvanized Sheets



ARMCO Ingot Iron Galvanized Sheets are rolled from the famous pure, rust-resisting ARMCO Ingot Iron. They are soft, easily worked and their long lasting qualities are constantly increasing the use of ARMCO. Carried in stock in all standard widths and lengths in the following gauges: Nos. 28, 26, 24, 22, 20, 18, 16 and 14.

MILCOR Stove Pipe Uniform Blue Sheets



Milcor Uniform Blue Sheets are especially adaptable to the stove pipe trade. They are solid color sheets, uniform in size and gauge. The polished blued surface shows remarkable resistance to discoloration from heat, rust development or abrasion. Carried in stock in standard widths and lengths in the following gauges: Nos. 28, 27, 26 and 24.

MILCOR Black Sheets



Milcor Black Sheets are made from open hearth steel specially manufactured for sheet purposes. These sheets are one pass cold rolled and box annealed.

Carried in stock in all standard widths and lengths in the following gauges: Nos. 28, 27, 26, 24, 22, 20, 18 and 16.

MILCOR Warranted Solder



Milcor warranted 50/50 Solder is our own brand made from doubly refined materials free from impurities. It contains the proper proportions of tin and lead to make it flow freely. We guarantee the proportions to be strictly as represented. Always in stock. Can be shipped immediately.

Prices subject to Daily Market Quotations on Tin and Lead. Orders always filled at lowest price applying on day of shipment.

-MILCOR-

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.

Gauge

STANDARD DIFFERENTIALS AND EXTRAS

One Pass Cold Rolled Black Sheets

Gauge	Price Per Hundred Pounds
30	
29	 " 40c
28	 " 25c
27	 " 15c
25-26	 " 10e
24	 Base
21-23	 Deduct 5c
18-20	 " 20c
15-17	 " 30c
12-14	 " 35c
10-11	 " 45c

EXTRAS FOR WIDTH

C	Width	Extra Per Hundred Pounds
Gauge		
16 Ga. and Heavier		
16 Ga. and Heavier		
17 to 18 Ga		
17 to 18 Ga	Over 36"	to 48" 5c
17 to 18 Ga	Under 24"	to 12" 15c
19 to 21 Ga	24"	to 36"Base
19 to 21 Ga	Over 36"	to 44" 15c
19 to 21 Ga	Over 44"	to 48" 25c
19 to 21 Ga	Under 24"	to 12" 15c
22 to 24 Ga	24"	to 36"Base
22 to 24 Ga	Over 36"	to 40" 20c
22 to 24 Ga	Over 40"	to 48" 40c
22 to 24 Ga	Under 24"	to 12" 15c
25 to 27 Ga	24"	to 36"
25 to 27 Ga	Over 36"	to 40" 20c
25 to 27 Ga	Over 40"	to 44" 40c
25 to 27 Ga	Over 44"	to 48" 50c
25 to 27 Ga	Under 24"	to 12" 20c
28 Ga	24"	to 32" Base
28 Ga	Over 32"	to 36" 10c
28 Ga	Over 36"	to 40" 40c
28 Ga	Under 24"	to 12" 20c
29 to 30 Ga		
39 to 30 Ga	Over 32"	to 36" 10c
29 to 30 Ga		

EXTRAS FOR LENGTH

Gauge	Length	Extra Per Hundred Pounds
16 Ga. and Heavier		4" Base
16 Ga. and Heavier		
16 Ga. and Heavier		
17 to 18 Ga		
17 to 18 Ga	Over 124" to 1-	44" 10c
17 to 18 Ga		
17 to 18 Ga	Under 30" to 18	" 25c
19 to 21 Ga		4" Base
19 to 21 Ga	Over 124" to 1-	44" 10c
19 to 21 Ga	Under 60" to 30"	" 15c
19 to 21 Ga	Under 30" to 18'	" 25c
22 to 24 Ga		
22 to 24 Ga	Over 124" to 1-	44" 10c
22 to 24 Ga	Under 60" to 30"	" 15c
22 to 24 Ga	Under 30" to 18'	″ 25c
25 Ga. and Lighter.		
25 Ga. and Lighter	Over 124" to 14	44" 10c
25 Ga. and Lighter	Under 60" to 30'	" 20c
25 Ga. and Lighter	Under 30" to 18'	" 30c

STANDARD DIFFERENTIALS AND EXTRAS Galvanized Sheets and Long Terne Sheets

	Gauge	Hundred Pounds
		Add 90c
		30c
		" 25c
		Base
	21-23	
	19-20	" 20c
		" 35e
	15-17	
	10-11	" 70c
	EXT	RAS FOR WIDTH Extra Per
	Gauge	Width Hundred Pounds
	15 Ga. and Heavier	
	15 Ga. and Heavier	Over 40" to 44" 10c
	15 Ga and Heavier	Over 44" to 48" 20c
	15 Ca and Heavier.	O 40" +- 50"
	15 Ga. and Heavier.	Over 48" to 52" 30c
	15 Ga. and Heavier.	Over 52" to 54"
	15 Ga. and Heavier.	Under 24" to 12" 20c
	16 Ga	Over 24" to 36" Base
	16 Ga	Over 36" to 44" 10c
	16 Ga	Over 44" to 48" 20c
	16 Ga	Under 24" to 12" 20c
	17 and 18 Ga	Over 24" to 36"
		Over 36" to 44" 10c
	17 and 18 Ga	Over 44" to 48" 20c
	17 and 18 Ga	
	10 to 01 Co	Under 24" to 12" 20c
	19 to 21 Ga	Over 24" to 36"
	19 to 21 Ga	Over 36" to 40" 20c
	19 to 21 Ga	Over 40" to 44" 30c
	19 to 21 Ga	Over 44" to 48" 40c
	19 to 21 Ga	Under 24" to 12" 20c
	22 to 24 Ga	Over 24" to 36" Base
	22 to 24 Ga	Over 36" to 40" 20c
	22 to 24 Ga	Over 40" to 44" 40c
	99 to 94 Ga	Over 44" to 48" 60c
	99 to 94 Ga	Under 24" to 12" 20c
	95 and 96 Ga	Over 24" to 36"Base
	es and es Ga	
	25 and 20 Ga	Over 40" to 44" 60c
	25 and 26 Ga	Over 44" to 48" 75c
	25 and 26 Ga	Under 24" to 12" 25c
	27 Ga	
	27 Ga	Over 32" to 36" 10c
	27 Ga	Over 36" to 40" 50c
	27 Ga	Over 40" to 44" 75c
	28 Ga	
	28 Ga	Over 32" to 36" 20c
	98 Ga	Over 36" to 40"
	20 Ca *	Under 24" to 12" 25c
	20 Ga	Under 24" to 12" 25c
	29 and 30 Ga	O 90" t- 90"
	29 and 30 Ga	Over 32" to 36" 20c
	29 and 30 Ga	Under 24" to 12" 25c
		red for sheared sheets or strips, add
	5% resquaring charge	
	EXT	RAS FOR LENGTH Extra Per
	Gauge	Length Hundred Pounds
	13 and 14 Ga	
	13 and 14 Ga	Under 60" to 30" 10c
	13 and 14 Ga	Under 60" to 30" 10c Under 30" to 18" 20c
	15 and 16 Ga	60" to 144" Base
	15 and 16 Ga	Under 60" to 30" 10c
	15 and 16 Ga	Under 30" to 18" 20c
	17 to 24 Ga	Under 60" to 30". 10c Under 30" to 18". 20c
	17 to 24 Ga	Over 124" to 144" 10c
	17 to 94 Ga	Under 60" to 30" 20c
	17 to 24 Ga	Under 30" to 18" 30c
	17 to 24 Ga	Under 30" to 18" 30c
	25 to 30 Ga	
	25 to 30 Ga	Over 124" to 144" 10c
	25 to 30 Ga	Under 60" to 30" 25c
	25 to 30 Ga	Under 30" to 18" 35c
Q		Olider 30 to 18 33c

Standard Gauges for Sheet and Plate Iron and Steel

Established by Act of Congress July 1, 1893

Number	Approximate thick- ness in fractions	Approximate thick- ness in decimal	Weight per square foot in ounces	Weight per square foot in pounds
Gauge.	of an inch	parts of an inch.	avoirdupois	avoirdupois
0000000	1-2	.5	320	20.
000000	15-32	.46875	300	18.75
00000	7-16	.4375	280	17.5
0000	13-32	.40625	260	16.25
000	3-8	.375	240	15.
00	11-32	.34375	220	13.75
0	5-16	.3125	200	12.5
í	9-32	.28125	180	11.25
	17-64	.265625	170	10.625
3	1-4	.25	160	10.
$\begin{array}{c} 2\\ 3\\ 4 \end{array}$	15-64	.234375	150	9.375
5	7-32	.21875	140	8.75
6	13-64	.203125	130	8.125
7	3-16	.1875	120	7.5
8	11-64	.171875	110	6.875
9	5-32	.15625	100	6.25
10	9-64	.140625	90	5.625
ii	1-8	.125	80	5.
12	7-64	.109375	70	4.375
- 13	3-32	.09375	60	3.75
14	5-64	.078125	50	3.125
15	9-128	.0703125	45	2.8125
16	1-16	.0625	40	2.5
17	9-160	.05625	36	2.25
18	1-20	.05	32	2.
19	7-160	.04375	28	1.75
20	3-80	.0375	24	1.5
21	11-320	.034375	22	1.375
22	1-32	.03125	20	1.25
23	9-320	.028125	18	1.125
24	1-40	.025	16	1.
25	7-320	.021875	. 14	.875
26	3-160	.01875	12	.75
27	11-640	.0171875	. 11	.6875
28	1-64	.015625	10	.625
29	9-640	.0140625	9	.5625
30	1-80	.0125	8	.5
31	7-640	.0109375	7	.4375
32	13-1280	.01015625	$6\frac{1}{2}$.40625
33	3-320	.009375	6	.375
34	11-1280	.00859375	51/2	.34375
35	5-640	.0078125	5	.3125
36	9-1280	.00703125	4½ 4½ 4½	.28125
37	17-2560	.006640625		.265625
38	1-160	.00625	4	.25

A variation of $2\frac{1}{2}\%$ from standard weight is allowable in practical use.

The weight of Flat Galvanized Sheets is based on the weight of black sheets and two and one-half $(2\frac{1}{2})$ ounces per square foot added for the increase caused by galvanizing.

STANDARD BUNDLING TABLE OF BLACK SHEETS WEIGHTS WITHOUT (BANDS)

GAUGE. Weight per Sq. Ft., Lbs.	5	10 .625		- 4	12 .375			14 3.125			16 2.5	-		18 2.			20 1.50			21 1.375		
SIZE OF SHEET	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Square Feet per Sheet
24x 72 26x 72 28x 72 30x 72 36x 72	67.5 73.13 78.75 84.38 101.25	2 2 2 .	135 146 157 169	52.5 56.88 61.25 65.63 78.75	3 3 2 2	171 122 131	37.5 40.63 43.75 46.88 56.25	4 4 3 3 3	162 131	37.5	5 5 4 4 3	150 162 140 150 135	26. 28. 30.	6 6 5 5	144 156 140 150 144	19.5 21. 22.5	8 8 7 7 7 5	156 147	16.5 17.88 19.25 20.63 24.75	9 8 8 7 6	148 143 154 144 148	12 13 14 15 18
24x 84 26x 84 28x 84 30x 84 36x 84	78.75 85.31 91.88 98.44 118.13	2 2 2	157 171 184	61.25 66.35 71.46 76.56 91.88	2 2 2 2	133 143 153	43.75 47.4 51.04 54.69 65.63	3 3 3 2	153 164	35. 37.92 40.83 43.75 52.5	4 4 3 3 3		30.33 32.67 35.	5 5 4 4	163 140	21. 22.75 24.5 26.25 31.5	7 7 6 6 5	159 147 157	19.25 20.85 22.46 24.06 28.88	8 7 7 6 5	154 146 157 144 144	14 15.16 16.33 17.50 21
24x 96 26x 96 28x 96 30x 96 36x 96	90. 97.5 105. 112.5 135.	2 2	180 195	70. 75.83 81.67 87.5 105.	2 2 2 .	163	54.17 58.33 62.5	3 3 2 2	150 162 175 125 150	43.33 46.67 50.	4 3 3 3 2	160 130 140 150 120	34.67 37.33 40.	5 4 4 4 3	160 139 149 160 144	26. 28. 30.	6 6 5 5 4	140	22. 23.83 25.67 27.5 33.	7 6 6 6 5	154 143 154 165 165	16 17.33 18.66 20 24
24x101 26x101 28x101 30x101 36x101	94.69 102.58 110.47 118.36 142.03	:		73.65 79.78 85.92 92.06 110.47	2 2 2 .	159 172 184	52.6 57. 61.37 65.76 78.91	3 2 2 2	171 123 131	42.08 45.59 49.09 52.6 63.13	4 3 3 3 2	137 147 158	33.67 36.47 39.28 42.08 50.5	4 4 4 3	146 157 168	25.25 27.35 29.46 31.56 37.88	6 5 5 5 4	137 147 158	23.15 25.08 27.01 28.94 34.72	6 6 6 5 4	139 150 162 145 139	16.83 18.23 19.64 21.04 25.25
24x108 26x108 28x108 30x108 36x108	101.25 109.69 118.13 126.56 151.88	:		78.75 85.31 91.88 98.44 118.13	2 2 2	171 184	56.25 60.94 65.63 70.31 84.38	S 2 2 2 2	131 141	45. 48.75 52.5 56.25 67.5	3 3 3 3	135 146 157 169 135	39. 42. 45.	4 4 3 3	168 135	27. 29.25 31.5 33.75 40.5	5 5 5 4 4	146 157 135	24.75 26.81 28.87 30.94 37.13	6 6 5 5 4	148 161 144 155 148	18 19.5 21 22.5 27
24x120 26x120 28x120 30x120 36x120	112.5 121.88 131.25 140.63 168.75	:		87.5 94.79 102.08 109.38 131.25	2 2	198	62.5 67.71 72.92 78.13 93.75	2 2 2 2	146	54.17 58.33 62.5	3 3 3 2 2		43.33 46.67 50.	4 3 3 3 2	160 130 140 150 120	32.5 35. 37.5	5 5 4 4 3	162 140 150	27.5 29.79 32.08 34.37 41.25	5 5 4 4	137 149 160 137 165	20 21.66 23.33 25 30
GAUGE. Weight per Sq. Ft., Lbs.		22 1.25			24 1.			26 .75			27 .6875			28 .625			29 .5625			30 .5		
24x 72 26x 72 28x 72 30x 72 36x 72	15. 16.25 17.5 18.75 22.5	10 9 8 8 7	150 146 140 150 157	12. 13. 14. 15.	12 11 11 10 8	150	9. 9.75 10.5 11.25 13.5	16 15 14 13 11		8.25 8.94 9.63 10.31 12.38	18 16 16 14 12	148 143 154 144 148	7.5 8.13 8.75 9.38 11.25	20 18 17 16 13	150 146 149 150 146	6.75 7.31 7.88 8.44 10.13	22 20 19 18 15	148 146 150 152 152	6. 6.5 7. 7.5 9.	25 23 21 20 16	150 149 147 150 144	12 13 14 15 18
24x 84 26x 84 28x 84 30x 84 36x 84	17.5 18.96 20.42 21.88 26.25	8 8 7 7 6	140 152 143 153 157	14. 15.16 16.33 17.5 21.	11 10 9 8 7	152 147 140	10.5 11.38 12.25 13.13 15.75	14 13 12 11 9	147 144	9.63 10.43 11.23 12.03 14.44	15 14 13 12 10	144	8.75 9.48 10.21 10.94 13.13	17 16 14 14 11	149 152 143 153 144	7.88 8.53 9.19 9.84 11.81	19 17 16 15	150 145 147 148 153	7. 7.58 8.17 8.75 10.5	21 19 19 17 14	147 144 155 149 147	14 15.16 16.33 17.50 21
24x 96 26x 96 28x 96 30x 96 36x 96	20. 21.67 23.33 25. 30.	7 7 6 6 5	140 152 140 150 150	16. 17.33 18.67 20. 24.	9 9 8 7 6	144 156 149 140 144	13. 14. 15.	12 11 11 10 8	154 150	11. 11.92 12.83 13.75 16.5	13 12 12 11 9	154	10.83 11.67 12.5	15 14 13 12 10	150	9. 9.75 10.5 11.25 13.5	16 15 14 13 11	144 146 147 146 148	10.	18 17 16 15	144 147 149 150 144	16 17.33 18.66 20 24
24x101 26x101 28x101 30x101 36x101	21.04 22.79 24.55 26.3 31.56	7 7 6 6 5	147 159 147 158 158	16.83 18.24 19.64 21.04 25.25	9 8 8 7 6	146 157 147	12.63 13.68 14.73 15.78 18.94	12 11 10 9 8	150 147 142	11.57 12.54 13.5 14.47 17.36	12 12 11 10 9	150 148 145	10.52 11.4 12.27 13.15 15.78	14 13 12 11 9	148 147 145	9.47 10.26 11.05 11.84 14.2	16 14 13 12 10	142		18 16 15 14 12	151 146 147 147 151	16.83 18.23 19.64 21.04 25.25
24x108 26x108 28x108 30x108 36x108	22.5 24.37 26.25 28.12 33.75	7 6 6 5 5	157 146 157 141 169	18. 19.5 21. 22.5 27.	8 8 7 7 6	147 157	13.5 14.63 15.75 16.88 20.25	11 10 9 9 7	146 142 152	12.38 13.41 14.44 15.47 18.56	12 11 10 10 8	147 144 155	11.25 12.19 13.13 14.06 16.88	13 12 11 11 9	146 144 155	10.13 10.97 11.81 12.66 15.19	15 14 13 12 10	153 152	9. 9.75 10.5 11.25 13.5	17 15 15 13 11	153 146 157 146 148	18 19.5 21 22.5 27
24x120 26x120 28x120 30x120 36x120	25. 27.08 29.17 31.25 37.5	6 6 5 5 4	150 162 146 156 150	20. 21.67 23.33 25. 30.	7 7 6 6 5	140 150	15. 16.25 17.5 18.75 22.5	10 9 8 8 7	146 140 150	13.75 14.9 16.04 17.19 20.63	11 10 9 9 8	149 144 155	12.5 13.54 14.58 15.63 18.75	12 11 10 10 8	149 146 156	11.25 12.19 13.13 14.06 16.88	13 12 11 11 9	144	10.83 11.67 12.5	15 14 14 12 10	150 152 163 150 150	20 21.66 23.33 25 30

STANDARD BUNDLING TABLE OF GALVANIZED SHEETS (WEIGHTS WITHOUT BANDS)

GAUGE. eight per Sq. Ft., Lbs.		10 .781		4	12 .531 ,			14 3.281			16 2.656			18 2.156			20 1.656		1	21 1.531		
SIZE OF SHEET	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Square Feet per Sheet
24x 72 26x 72 28x 72 30x 72 36x 72	69.37 75.16 80.94 86.72 104.06	2 2 2 2 2	139 150 162 173 208	54.37 58.91 63.44 67.97 81.56	3 3 2 2	177 127 136	39.37 42.66 45.94 49.22 59.06	4 3 3 3 3	171 138 148	31.87 34.53 37.19 39.84 47.81	5 4 4 4 3	138 149 159	25.87 28.03 30.19 32.34 38.81	6 5 5 5 4	140 151 162	19.87 21.53 23.19 24.84 29.81	8 7 7 6 5	151 162 149	18.37 19.91 21.44 22.97 27.56	8 8 7 7 6	147 159 150 161 165	12 13 14 15 18
24x 84 26x 84 28x 84 30x 84 36x 84	80.94 87.64 94.41 101.17 121.41	2 2 2 1	162 175 189 202 121	63.44 68.69 74.00 79.30 95.16	2 2 2 2	137 148 159	45.94 49.74 53.58 57.42 68.91	\$ \$ \$ \$	149 161 172	37.19 40.27 43.38 46.48 55.78	4 4 3	161 174 139	30.19 32.69 35.21 37.73 45.28	5 5 4 4 8	163 141 151	23.19 25.11 27.05 28.98 34.78	7 6 5 5	151 135 145	21.44 23.21 25.01 26.80 32.16	7 7 6 6 5	150 162 150 161 161	14 15.1 16.3 17.5 21
24x 96 26x 96 28x 96 30x 96 36x 96	92.50 100.19 107.88 115.62 138.75	2 2 2 2 1	185 200 216 231 139	72.50 78.53 84.55 90.62 108.75	2 2 2 1	145 157 169 181	52.50 56.86 61.23 65.62 78.75	3 3 3 2	171 184 131	42.50 46.03 49.57 53.12 63.75	3 3	138 149 159	34.50 37.37 40.24 43.12 51.75	4 4 4 3	149 161 172	26.50 28.70 30.91 33.12 39.75	6 5 5 5 4	148 155 166	24.50 26.54 28.57 30.62 36.75	6 5 5 4	147 159 143 153 147	16 17.3 18.6 20 24
24x120 26x120 28x120 30x120 36x120	115,62 125,22 134,88 141,53 173,44	2 1 1 1 1 1	231 125 135 145	90.62 98.15 105.71 113.28 135.94	2 2 2 1	196 211 113	65.62 71.07 76.55 82.03 98.44	2 2 2 2 2	142 153 164	58.19 57.58 61.97 66.41 79.69	3 3	179 186 139	43.12 46.70 50.31 53.91 64.69	3 3 3 3	140 151 162	33.12 35.87 38.64 41.41 49.69	5 4 4 4 3	143 155 166	30.62 33.17 35.72 38.28 45.94	5 5 4 4 3	153 166 143 153 138	20 21.6 23.5 25 30

GAUGE. Weight per Sq. Ft., Lbs.	1	22 .406		1	24 .156			26 9062			27 8437			28 7812			29 .7187			30 6562		
SIZE OF SHEET	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Weight of Sheet	No. of Sheets	Weight of Bundle	Square Feet per Sheet
24x 72 26x 72 28x 72 30x 72 36x 72	16.87 18.28 19.69 21.09 25.31	9 8 8 7 6	152 146 158 148 152	13.87 15.03 16.19 17.34 20.81	11 10 9 9 7	150 146 156	10.87 11.78 12.69 13.59 16.31	14 13 12 11 9	153 152 149	10.12 10.97 11.81 12.66 15.19	15 14 13 12 10	154 152	9.37 10.16 10.94 11.72 14.06	16 15 14 13 11	152	8.62 9.34 10.06 10.78 12.94	17 16 15 15	147 149 151 162 155	7.87 8.53 9.19 9.84 11.81	19 17 16 15	150 145 147 148 154	12 13 14 15 18
24x 84 26x 84 28x 84 30x 84 36x 84	19.69 21.32 22.96 24.61 29.53	8 7 7 6 5	158 149 161 148 148	16.19 17.53 18.88 20.23 24.28	9 8 8 7 6	140 151 142	12.69 13.74 14.80 15.86 19.03	12 11 10 10 8	151 148 159	11.81 12.79 13.78 14.77 17.72	13 12 11 10 9	153 152 148	10.94 11.84 12.76 13.67 16.41	14 13 12 11 9	154 153 150	10.06 10.90 11.74 12.58 15.09	15 14 13 12 10	151	9.19 9.95 10.72 11.48 13.78	16 15 14 13 11	147 149 150 149 152	14 15.16 16.33 17.50 21
24x 96 26x 96 28x 96 30x 96 36x 96	22.50 24.37 26.24 28.12 33.75	7 6 6 5 5	157 146 157 141 169	18.50 20.04 21.58 23.12 27.75	8 8 7 7 6	160 151 162	14.50 15.71 16.91 18.12 21.75	10 10 9 8 7	157 152 145	13.50 14.62 15.74 16.87 20.25	11 10 10 9 8	146 157 152	12.50 13.54 14.58 15.62 18.75	12 11 10 10 8	149 146 156	11.50 12.46 13.41 14.37 17.25	13 12 11 10 9	150 148 144	10.50 11.37 12.25 13.12 15.75	15 13 12 11 10	157 148 147 144 157	16 17.33 18.66 20 24
24x120 26x120 28x120 30x120 36x120	28.12 30.46 32.81 35.16 42.19	5 5 4 4	141 152 164 141 169	23.12 25.04 26.98 28.91 34.69	7 6 6 5 5	150 162 145	18.12 19.63 21.14 22.66 27.19	8 8 7 7 6	157 148 159	16.87 18.28 19.68 21.09 25.31	9 8 8 7 6	146 157 148	15.62 16.92 18.23 19.53 23.44	10 9 8 8 7	152 146 156	14.37 15.57 16.77 17.97 21.56	10 10 9 9	156 151 162	13.12 14.21 15.31 16.41 19.69	11 11 10 9 8	144 156 153 148 158	20 21.66 23.33 25 30

The weight of Flat Galvanized Sheets is based on the weight of black sheets and two and one-half (2½) ounces per square foot added for the increase caused by galvanizing.

COVERING TABLES FOR TERNE ROOFINGS

FLAT SEAM TIN ROOFING

Sheets 14x20 Inches

The following table shows the number of plates or sheets, size 14x20 inches, required to cover a given number of square feet with flat seam tin roofing. A sheet of 14x20 inches with ½ inche edges measures, when edged or folded, 13x19 inches, or 247 square inches. In the table below all fractional parts of a sheet are counted a full sheet.

Sizes generally used are 14x20, and 20x28.

Number of Sq. Ft.	Sheets Required.	Number of Sq. Ft.	Sheets Required.	Number of Sq. Ft.	Sheets Required.	Number of Sq. Ft.	Sheets Required.
100	59	330	193	560	327	780	455
110	65	340	199	570	333	790	461
120	70	350	205	580	339	800	467
130	76	360	210	590	344	810	473
140	82	370	216	600	350	820	479
150	88	380	222	610	356	830	484
160	94	390	228	620	362	840	490
170	100	400	234	630	368	850	496
180	105	410	240	640	374	860	502
190	111	420	245	650	379	870	508
200	117	430	251	660	385	880	514
210	123	440	257	670	391	890	519
220	129	450	263	680	397	900	525
230	135	460	269	690	403	910	531
240	140	470	275	700	409	920	537
250	146	480	280	710	414	930	543
260	152	490	286	720	420	940	549
270	158	500	292	730	426	950	554
280	164	510	298	740	432	960	560
290	170	520	304	750	438	970	566
300	175	530	309	760	444	980	572
310 320	181 187	540 550	315 321	770	449	990	578

1000 square feet, 583 sheets.

A box of 112 sheets 14x20 inches will cover approximately 192 square feet.

STANDING SEAM TIN ROOFING

Sheets 20x28 inches

Table showing quantity of 20x28 inch tin required to cover a given number of square feet with standing seam tin roofing. The standing seams and the locks on a steep roof require 23/4 inches off width, and 3/4 inch off the length of the sheet; fractional parts are counted as a full sheet. A sheet will cover 475 square inches.

Sheets Required	Number of Sq. Ft.	Sheets Required	Number of Sq. Ft.	Sheets Required.	Number of Sq. Ft.	Sheets Required.
31 34 37 40 43 46 49 52 55 58 61 67 70 73 76	330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490	100 103 106 109 112 115 118 122 125 128 131 134 137 140 143	560 570 580 590 600 610 620 630 640 650 660 670 680 690 710 720	170 mm 173 176 180 182 185 188 191 194 197 200 203 206 210 212 215 218	780 790 800 810 820 830 840 850 860 870 880 890 910 920 930 940	237 240 243 246 249 255 255 261 264 267 270 273 276 279 282 285
82 85	500 510	152 155	730 740	221 224	950 960	288 291
91 94	530 540	161 164	750 760 770	228 231 234	970 980 990	294 297 300
	31 34 37 40 43 46 49 52 55 58 61 64 67 70 73 76 79 82 85 88 91	31 330 34 340 37 350 40 360 43 370 46 380 49 390 52 400 55 410 58 420 61 430 64 440 67 450 70 460 73 470 76 480 79 490 82 500 85 510 88 520 91 530 94 540	31 330 100 34 340 103 37 350 106 40 360 109 43 370 112 46 380 115 49 390 118 52 400 122 55 410 125 58 420 128 61 430 131 64 440 134 67 450 137 70 460 140 73 470 143 76 480 147 79 490 149 82 500 152 85 510 155 88 520 158 891 530 161 94 540 164	31 330 100 560 34 340 103 570 37 350 106 580 40 360 109 590 43 370 112 600 46 380 115 610 49 390 118 620 52 400 122 630 55 410 125 640 58 420 128 650 61 430 131 660 64 440 134 670 67 450 137 680 70 460 140 690 73 470 143 700 76 480 147 710 79 490 149 720 82 500 152 730 85 510 155 740 88 520 158 750 91 530 161 760 94 540 164 770	Standard Standard	Second S

1000 square feet, 303 sheets.

A full box, 112 sheets 20x28 inches, will cover approximately 370 square feet.



MILCOR

Warranted High Grade Roofing Ternes

Copper Bearing Base

PERFECT in every detail from the base metal to the finished product, Milcor Brands furnish the most durable and lasting plate in the market.

Every sheet is stamped with the brand name and the coating weight and carries an even full weight coating.

All brands of Milcor Ternes have coppered metal base.

All brands of Milcor Ternes have coppered metal base.

Milcor tin of the proper kind and weight is suitable for all

roofing and flashing purposes. Its lasting quality; its lightness; its stiffness, its lack of expansion and contraction; its adaptability to any contour and the ease and surety with which it can be locked and soldered to abutting flashing or other metal work, are but a few of its valuable qualities.





MILCOR

Aloah Bright Coke Tin

THE base of Milcor Aloah Bright Coke Tin Plates is of the best soft steel, made especially for tin plate. The word "Coke" is a trade term indicating finish. The trade has retained it from the time when tin plate was made from Charcoal Iron and Coke Iron.

We furnish four grades, ICL, IXL, IC and IX, in several different sizes, each of which is designed to meet particular requirements. The sizes given

below are standard. Since we manufacture a complete line of tin Furnace Pipe and Fittings, we can supply a large number of manufacturing sizes besides those shown below. See our latest Net Price Book.

Tin plates are generally packed in boxes, and, the unit of value and measure is known as a "base box", which is 112 sheets of 14x20 inches, or 31360 sq. inches of any size.

	Shipping Weight			Shipping Weight
ICL	20x26 inches (112 sheets)197 lb.	IC	24x323/4 inches (56 sheets)	147 lb
ICL		IC	24x39 inches (56 sheets)	171 lb.
ICL	$20x29\frac{1}{2}$ inches (112 sheets)	IX	24x26½ inches (56 sheets)	
ICL	20x32½ inches (112 sheets)246 lb.	IX	24x29½ inches (56 sheets)	177 lb
IXL	20x39 inches (56 sheets)	IX	24x323/4 inches (56 sheets)	
IC	$24 \times 26 \frac{1}{2}$ inches (112 sheets)	IX	24x39 inches (56 sheets)	
IC	$24x29\frac{1}{2}$ inches (112 sheets)		,	

Net Prices per box given in Current price list.

COST OF TIN FOR FLAT SEAM ROOFING

feet	14x20—P	rice per bo	x, per square foot a			feet.		ice per box	, per square		POI 11		
	hen Tin		Flat Seam	Flat Se	eam		en Tin		Flat			Flat S	
	costs		Roofing costs	Roofing	costs	C	osts		Roofing			Roofing	
\$ 3.00	per box	14x20	.0166 per sq. ft		r sq.	\$ 6.00 p	er box	20x28	.0157 per	sq. ft.	or	\$1.57 p	er sq
3.25	4	4	.0180	1.80	"	6.50	a	u	.0170	4		1.70	44
3.25	"	44	.0194 "	1.94	4	7.00	ш	"	.0183	u		1.83	44
3.75		"	.0208 "	2.08	44	7.50	4	4	.0196	44		1.96	4
4.00		461	.0221 "	2.21	4	8.00	ш	4	.0209	4		2.09	ш
4.25		"	.0235 "	2.35	u	8,50	44	4	.0222	4		2.22	
4.50		и	.0249 "	2.49	"	9.00	и	4	.0234	u		2.34	4
4.75		4	.0263 "	2.63	"	9.50	"	и	.0248	44		2.48	ш
5.00		4	.0277 "	2.77	4	10.00	ш	4	.0261	46		2.61	æ
5.25		и	.0291 "	2.91	ш	10.50	u	"	.0274	a.		2.74	ш
5.50		"	.0305 "	3.05	4	11.00	44	"	.0287	4		2.87	4
5.75		"	.0319 "	3.19	4	11.50	44	4	.0300	4		3.00	4
6.00		ш	.0332 "	3.32	ш	12.00	"	4	.0314	44		3.14	ш
6.25		и	.0346 "	3.46	ш	12.50	44	4	.0327	4		3.27	ш
6.50		ш	.0360 "	3.60	44	13.00	и	4	.0340	4		3.40	"
6.75		44	.0374 "	3.74	44	13.50	4	ш	.0353	4		3.53	44
7.00		44	.0388 "	3.88	44	14.00	"	ш	.0366	44		3.66	44
7.25		"	.0402 "	4.02	44	14.50	4	"	.0379	ш		3.79	"
7.50		и	.0416 "	4.16	"	15.00	4	"	.0392	æ		3.92	"
7.75		и	.0429 "	4.29	4	15.50	4	" .	.0405	44		4.05	4
8.00		ш	.0442 "	4.42	4	16.00	4	u	.0418	"		4.18	ш
8.25		46	.0456 "	4.56	4	16.50	44	"	.0431	"		4.31	ш
8.50		"	.0470 "	4.70	44	17.00	44	- 44	.0444	"		4.44	ш
8.75		4	.0483 "	4.83	4	17.50	44	ш	.0457	44		4.57	"
9.00		и	.0497 "	4.97	"	18.00	и	ш	.0470	"		4.70	ш
9.25		и	.0511 "	5.11	u	18.50	ш	и	.0483	"		4.83	ш
9.50		4	.0525 "	5.25	u	19.00	ш	4	.0496	u		4.96	"
9.75		и	.0539 "	5.39	u	19.50	ш	44	.0509	"		5.09	ш
10.00		4	.0553 "	5.53	"	20.00	" .	4	.0522	"		5.22	"
10.25		4	.0567 "	5.67	4	20.50	"	u	.0535	46		5.35	ш
10.50		4	.0581 "	5.81	и	21.00	44	4	.0548	4		5.48	ш
10.74		-4	.0595 "	5.95	ш	21.50	44	4	.0561	ec.		5.61	ш
11.00		4	.0609 "	6.09	44	22.00	"	u	.0574	"		5.74	ш
11.2		4	.0623 "	6.23	и	22.50	"	и	.0587	44		5.87	ш
11.50		4	.0637 "	6.37	44	23.00	"	u	.0600	66		6.00	ш
11.78		4	.0651 "	6.51	4	23,50	4	44	.0614	4		6.14	ш
12.00		44	.0665 "	6,65	4	24.00	4	44	.0628	ш		6.28	"

COST OF TIN FOR STANDING SEAM ROOFING

Siz feet.	e 14x20—P	rice per bo	x per square	foot and	per h	undred s	quare		Size 2	20x28—P	rice per box	k, per squa	re foot and	l per l	nundred s	quare
1	When Tin		Stand'g S Roofing	Seam costs		Stand's Roofing	g costs		c	en Tin		Roofing			Stand'g Roofing	costs
\$ 3.0		14x20	.0175 per	sg. ft.	or	\$1.75 I	er sq.		\$ 6.00 1	per box	20x28	.0162 pe	er sq. ft.	or	\$1.62 p	er sq.
3.2		4	.0189	"		1.09	"		6.50	4	"	.0178	4		1.89	4
3.5		4	.0204			2.04	"		7.00	4	"	.0202	66		2.02	44
3.7		"	.0218	"		2.18			7.50	4	4	.0216	4		2.16	66
4.0		"	.0233	"		2.33	#		8.00	"	4	.0230	4		2.30	ш
4.2	0	"	.0247	"		2.47	"		8.50	4	4	.0243	4		2.43	44
4.5	U	*	.0262			2.62			9.00	"	u	.0256	4		2.56	44
4.7		"	.0277			2.77	-		9.50	"	u	.0270	4		2.70	44
5.0		4	.0291			2.91			10.00	"	4	.0283	4		2.83	ш
5.2		4	.0306	"		3.06	,,		10.50	"	4	.0297	4		2.97	ш
5.5	U "	4	.0320	*		3.20			11.00	"	"	.0310	4		3.10	44
5.7		-	.0335			3.35			11.50	4					3.24	66
6.0		4	.0350	44		3.50	44		12.00	"	"	.0324	4		3.37	66
6.2		-	.0364	4		3.64			12.50	"		.0337	4		3.51	4
6.5		"	.0379			3.79	**	9	13.00	"	-	.0351	u			44
6.7		"	.0393	"		3.93	44		13.50	"	"	.0364	"		3.64 3.78	46
7.0		44	.0408	4		4.08	a		14.00	4	"	.0378	"		3.78	4
7.2	5 "	"	.0422	u		4.22	et.		14.50	"		.0391	"			4
7.5	0 "	4	.0437	44		4.37	"		15.00	4		.0404			4.04	"
7.7	5 "	4	.0451	44		4.51	4		15.50	44	"	.0418			4.18	4
8.0	0 "	ш	.0466	"		4.66	u		16.00	46		.0432	,,		4.32	"
8.2	5 "	"	.0480	"		4.80	44		16.50	4		.0446	-		4.46	4
8.5	0 "	4	.0495	"		4.95	"		17.00	u	4	.0459			4.59	4
8.7	5 "	44	.0509	"		5.09	"		17.50	и	44	.0473			4.73	"
9.0		4	.0524	44		5.24	4		18.00	4	4	.0486	"		4.86	"
9.2	5 "	4	.0538	46		5.38	44		18.50	"	4	.0500	"		5.00	"
9.5		ш	.0553	44		5.53	44		19.00	и	и	.0513			5.13	"
9.7		4	.0567	4		5.67	44		19.50	ш	u	.0526			5.26	"
10.0		44	.0582	4		5.82	"		20.00	ш	u	.0540	*		5.40	
10.2		4	.0596	"		5.96	"		20.50	ш	"	.0553	4		5.53	
10.5		4	.0611	4		6.11	44		21.00	"	ш	.0567	4		5.67	
10.7		"	.0625	4		6.25	"		21.50	4	"	.0580	44		5.80	
11.0		66	.0640	4		6,40	44		22.00	44	"	.0594	4		5.94	44
11.2		44	.0654	44		6.54	66		22.50	44	ш	.0607	и		6.07	
11.5		"	.0669	"		6,69	44		23.00	и	4	.0621	u		6.21	
11.7		"	.0684	44		6.84	44		23.50	u	"	.0634	и		6.34	44
12.0		44	.0699	44		6.99	"		24.00	и	4	.0648	и		6.48	65
12.0	•		.0000			3.00			~ 2100							

NOTE—Above does not include cost of laying.



MILCOR Flat Seam Tin Roofing

Made From

Warranted Roofing Ternes High Grade Copper Bearing Base

HOW TO CONSTRUCT TIN ROOFS

Every roof should be carefully cleaned, and all rosin spots and detrimental substances should be removed as the tinner's work is being finished. Lumps of rosin left on the roof will melt in the sun, stick to the roof, cause blisters and prevent paint from adhering.

For valleys, spouts and gutters of a tin roof no other metal than terne plates should be used, because the galvanic action produced by different metals coming in contact with each other will cause disintegration under atmospheric influences. The sheathing boards underlying the roofing tin should be put close together. The wood should be well seasoned, dry, and all knots should be culled out. It is also advisable to cover the boards with good building paper before the tin is laid on.

When no paper is used the tin must in all cases be painted on the underside with good reliable oil paint before it is laid and fastened on the roof. The outside should receive two coats of paint five or six weeks after the tin is laid.

Roof Painting

For sheet metal work and tin roofs, no better paint has been found than metallic brown, venetian red, or red oxide paint ground in pure linseed oil. These paints have been used from time immemorial, with eminently satisfactory results. Use only a good grade of paint, and apply with a short handled brush, rubbing the paint well in. Do not spread it out too thin. Roofs and sheet metal should be kept well painted, the intervals depending largely on climatic conditions, usually every three to five years. After the initial coats

of red oxide, the roof can be painted any color or shade to conform to color scheme.

From five to six weeks should elapse after tin is laid, before painting, to allow oxidation of the metal to take place, which will roughen the surface and allow the paint to properly adhere thereto and prevent peeling or scaling off.

Our Warranted Roofing Ternes Are Uniform—Even Quality—Carefully Assorted.



MILCOR Standing Seam Tin Roofing

Made From

Warranted Roofing Ternes

High Grade Copper Bearing Base

HOW TO CONSTRUCT TIN ROOFS—Continued

R OOFS with less than one-third pitch are made with flat seams, and should preferably be covered with high grade ternes, 20 pounds coating or heavier, from sheets 14x20 inches dimension rather than from sheets 20x28 inches, because the larger number of seams stiffen the surface and help to prevent buckles and rattling in stormy weather. For flat seam roof 1 inch barbed and tinned roofing nails should be used not over 6 inches apart, well under the edge. They should be well covered up and the seams should be pounded down over the edge. Nails must never be exposed.

Steep tin roofs should be made with standing seams, and from sheets 20x28 inches, fastened down with cleats, not over 18 inches apart. The nails should be driven into the cleats only.

While it is always cheapest to use the best material, roofing plates with a lesser coating may be used for steep standing seam roofs. IC roofing plates, in which the iron body weighs about 50 pounds per 100 square feet, are more suitable than IX plates (62½ pounds per 100 square

feet), because the seams in the lighter plates will not suffer as much from contraction and expansion as the thicker plates.

For spouts, valleys and gutters, heavily coated IX plate should always be used.

The amount of terne coating on the lighter plates should in all cases be fully as heavy as on the heavier plates.

In late years the anxiety of some manufacturers to satisfy the demand of some users for cheap goods has been the cause of many inferior grades being introduced. This latter class of material may suit for some purposes outside of roofing, or for roofs on temporary buildings, but for roofs that are expected to last, the "double dipped" plates should be used.

The use of acid in soldering seams in a tin roof is to be carefully avoided; acid coming in contact with the bare iron on the cut edges and corners where the sheets are folded and seamed together will cause rusting. No other soldering flux but good rosin should be used.



MILCOR Tin Roll Roofing

1 square 14" wide 86 feet long 1 square 20" wide 60 feet long

Specify how wanted when ordering—unpainted, painted one side, painted two sides.

Furnished from the following coated tin plates *

TO 1	- Branca our pracos
IC and IX	Xntric 8 lb. coating
TO I TYP	Oli C. i Di Coating
IC and IX	Elkay Old Style
TO 1 TY	To it. Coating
IC and IX	Kuehn's Old Style
IC I IV	D 11' Oli M 1
IC and IA	Republic Old Method
IC JIV	Milan II and Mal
IC and IA	Milcor Hand Made
IC and IV	Wilmonless Old Carel
IC and IA	Milwaukee Old Style

Furnished from 8 lb. coated sheets unless otherwise specified. Double cross locked (not soldered) Resquared on ends and sides. Single cross locked (soldered) furnished only when so ordered.

Directions For Applying Tin Roll Roofing

Measure the length required to reach from Eave to Ridge, allowing 1 inch on one side and 1½ inches on the other side of Roof for Standing Seam on Ridge; also allow 1½ to 2 inches to bend down at Eaves.

When working from left to right hand—for the first course turn down 1 inch on left hand side of sheet for fitting over edge of Sheathing at Gable end, and nail same securely with 1/4 inch galvanized barbed roofing nails spaced about 2 inches.

Then flange up the right hand side of sheet length with the $1\frac{1}{4}$ inch Flanging Tongs.

After the first course is in place, nail the Tin Cleats, see Fig. 1, along the 11/4 inch flange (about every 14 inches) like Fig. 2.

Then flange up the left side of next course 1½ inches and place same against the first course like in Fig. 3, and with the 1¼ inch Double Seamer bend the projecting ¼ inch over like in Fig. 4 and then follow with the ¾ inch Double Seamer, which will break over ½ inch, leaving the finished Standing Seam ¾ inch high like in Fig. 5.

To finish each Seam approaching Ridge or Hip, flatten down the Standing Seam about 6 to 8 inches.

Always finish each course before laying the next.

The finish of Ridge or Comb of Roof can be made same as the Standing Seam, by letting the sections pass the center of ridge enough to flange up 1½ inch on one side and 1½ inches on the other side.

If Ridge Roll is used—instead of allowing the 1 and 1½ inches on the top of Ridge for Standing Seam, allow only ½ inch on one side and flatten down as an overlap.

Hips are always finished the same way as Ridge, after cutting to the proper angle.

NOTE—When working from right to left the 1½ inch flange should be on left side and the 1¼ inch flange on right side of sheet. Tools necessary:

1 pair 1½ inch Flanging Tongs 1 pair 1½ inch Flanging Tongs 1 pair ¾ inch Double Seamers 1 pair 1¼ inch Double Seamers

See Page 45.

Net prices given in latest price sheet.



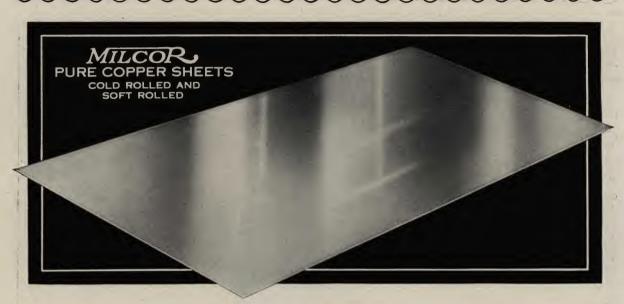
MILCOR Sheet Zinc

We carry all standard sizes of sheet zinc. We also fabricate special products according to architects or contractors

specifications, from zinc. Send us your specifications and let us quote prices.

Approximate Weights.

		1.1	are it ergries.		
Zinc	Weight Per Square	Thickness in Decimals of	About Equal to	About Equal to	Average Weight Per Sheet 36x84
Numbers	Foot	an Inch	Stubbs' Gauge	B. & S. Gauge	Pounds
5 .	.37	.010 (1/100)	31	30	7.77
6	.45	.012	30	28s	9.45
7	.52	.014	28	27	10.92
8	.60	.016	27	26	12.90
9	.67	.018	26	25	14.32
10	.75	.020 (1/50)	25	26 25 24	17.16
11	.90	.024	23	221/2	20.00
12	1.05	.028	22	21	22.84
13	1.20	.032	21	20	25.20
14	1.35	.036	20	19	28.52
15	1.50	.040 (1/26)	19	19 18 17	31.50
16	1.68	.045	18	. 17	35.28
17	1.87	.050	18	16	39.27
18	2.06	.055	17	15s	45.55
19	2.25	.060 (1/17)	17	141/2	47.25
20	2.62	.070	15	13s	55.02
21	3.00	.080	14	12	63.00
22	3.37	.090	13	11	70.77
23	3.75	.100 (1/10)	_12	10	78.75
24 25	4.70	.125 (1/8)	11	8s	98.70
25	9.40	.250 (1/4)	3	2s	197.40
26	14.10	.375 (3/8)	00	OOf	296.10
1/2 inch	18.80	.500			
1 inch	37.60	1.000			



MILCOR Pure ANACONDA Copper Sheets

MILCOR Carries a large stock of all standard sizes of ANACONDA Cold Rolled Sheet Copper, Hot Rolled Soft Copper, Cold Rolled Copper Sheets tinned on one side, and Economy Strip Copper. All the standard sizes shown below are carried in stock ready for immediate shipment. Other sizes can be quickly supplied. Prices are subject to daily market quotations on copper. Milcor Cold Rolled Copper Sheets are recommended for fabricating rain carrying equipment, roofing, flashing, etc. They are strong and durable.

Milcor Hot Rolled Copper Sheets are soft and more easily worked than Cold Rolled Sheets. They are recommended for intricate forming work, lining gutters, copper sheathing, etc. where the copper is reinforced by and attached to metal or wood supports.

Milcor Cold Rolled Copper Sheets Tinned on one side are used for lining refrigerators, soda fountains and places where the copper color is objectionable but where a metal that does not corrode is needed. The tin coating gives a bright finish to these sheets.

Cold Rolled Sheet Copper

Warehouse Stock

	Trail Ci	TO MODE CATOLOGY	
14 oz.	No. of Sheets Per Case	16 oz.	No. Sheets Per Case
20x96	50	20x96	50
24x96	50	24x96	40
28x96	40	28x96	35
30x96	40	30x96	35
36x96	30	36x96	35
18 oz.	No. of Sheets Per Case	20 oz.	No. Sheets Per Case
30x96	30	30x96	25
36x96	25	36x96	25

Hot Rolled Soft Copper Sheets

Warehouse Stock

14 oz.	No. Sheets Per Case	16 oz.	No. Sheets Per Case
24x96	50	24x96	40
30x96	40	30x96	35
36x96	30	36x96	30

Cold Rolled Copper Tinned On One Side

Warehouse Stock

14 oz.	No. Sheets Per Case	16 oz.	No. Sheets Per Case
30x60	50	30x60	50
24x96	50	24x96	40
30x96	40	30x96	35

SCHEDULE OF EXTRAS FOR SHEET COPPER PLAIN BOTH SIDES PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Extras Over Base Price, Cents per Pound

SIZE Widths		gths	Inc. 64 oz. .0864" and	Inc. 48 oz. .0648" to 64 oz.	Inc. 32 oz. .0432" to 48 oz.	Inc. 24 oz. .0324" to 32 oz.	Inc. 20 oz. .027" to 24 oz.	Inc. 18 oz. .0243" to 20 oz.	Inc. 16 oz. .0216" to 18 oz.	15 oz. .0203"	14 oz. .0189"	13 oz. .0176"	12 oz. .0162"	11 oz. .1409"	10 oz. .0135"	9 oz. .0122"	8 oz. .0108"
	Inc. 6	over 24	thicker Base	.0864" Base	.0648" Base	.0432" Base	.0324"	$\frac{.027''}{2^{\frac{1}{2}}}$.0243"	$3\frac{1}{2}$	5	7	9	$11\frac{1}{2}$	14	17	21
Including	24	60	Base	Base	Base	Base	1	$\frac{z_{\frac{1}{2}}}{1^{\frac{1}{2}}}$	2	$\frac{3\frac{1}{2}}{2^{\frac{1}{2}}}$	4	5	7	$\frac{11_{2}}{8\frac{1}{2}}$	10	12	14
	60	96	Base	Base	Base	Base	1	1 1 2	2	$\frac{2\frac{1}{2}}{2}$	41/2	5 1/2	$7\frac{1}{2}$	$9\frac{1}{2}$	11	13	16
Not over	96	120	Base	Base	Base	Base	2	21/2	3	$\frac{2}{3\frac{1}{2}}$	5	$\frac{6\frac{1}{2}}{6\frac{1}{2}}$	8	11	121/2	15	18
10	120	200	Base	Base	Base	Base	3	$\frac{2}{3\frac{1}{2}}$	4	41/2	$\frac{5\frac{1}{2}}{5}$	$\frac{\sigma_2}{7\frac{1}{2}}$	$9\frac{1}{2}$	13	15	18	21
		24	Base	Base	Base	1	2	$\frac{3_{2}}{2^{\frac{1}{2}}}$	3	$\frac{12}{3\frac{1}{2}}$	5	$\frac{6\frac{1}{2}}{6\frac{1}{2}}$	8	$9\frac{1}{2}$	12	15	18
Over 10	24	60	Base	Base	Base	1	1	$\frac{\lambda_2}{1\frac{1}{2}}$	2	$\frac{3\frac{1}{2}}{2}$	3	4-	5	7	9	12	15
	60	96	Base	Base	Base	1	1	$1\frac{1}{2}$	2	$\frac{2}{2}$	31/2	41/2	$\frac{5\frac{1}{2}}{}$	8	$10\frac{1}{2}$	14	17
Not over	96	120	Base	Base	Base	1	11/2	2	21/2	3	4	5	6	9	12	16	19
20	120	200	Base	Base	Base	11	21/2	3	$\frac{3\frac{1}{2}}{3}$	4	5	6	8	11	14	18	22
Over	1	60	Base	Base	2	3	31/2	4	41/2	5	6 1/2	9	121	15	18	21	25
20	60	96	Base	Base	1	11/2	2	21/2	3	4	5	61/2	81/2	11	14	17	21
Not	96	120	Base	Base	$\frac{1}{1}\frac{1}{2}$	2	21/2	3	$3\frac{1}{2}$	41/2	7	9	1111	131			
over 28	120	200	Base	Base	2	3	4	5	6	7	10	13	16	19			
Over		72	Base	1	2	21/2	3	$3\frac{1}{2}$	4	5	$6\frac{1}{2}$	9	12	15	18	21	24
28	72	96	Base	1/2	1/2	1	11/2	2	21/2	3	4	6	81/2	11	14		-
Not over	96	120	Base	1/2	1	1 1 2	2	21/2	3	ŀ	6	9	12	15			=
36	120	200	Base	1	2	3	4	5	6	8	11	14	17	20			
Over		72	Base	1	2	3	4	5	6	9	12	16	20	24	28		
36	72	96	Base	1/2	1	2	3	4	5	$7\frac{1}{2}$	11	15	19	23	27		
Not over	96	120	Base	1/2	1 1/2	21/2	3 1/2	41/2	6	9	13	17	22		•		
48	120	200	Base	1	2	3 1/2	5	7	9	12	16	21	26				
Over		72	1	21/2	41/2	$6\frac{1}{2}$	81/2	101/2	13	16	20			1			
48	72	96	$\frac{1}{2}$	1	3	5	7	9	12	15	19						
Not over	96	120	$\frac{1}{2}$	$1\frac{1}{2}$	4	$5\frac{1}{2}$	7 1/2	$9\frac{1}{2}$	$11\frac{1}{2}$				de Fee		Canin		
60	120	200	1	3	5	7	10	13	16			Anacor	(16 ou		Strip		
Over		72	2	4	6	$8\frac{1}{2}$	12	$15\frac{1}{2}$	18	Widt	h	-	96" lo		**	120"	
60	72	96	1 1/2	3	5	$7\frac{1}{2}$	11	$14\frac{1}{2}$	20	8"		W	eight po	er Strip	W	eight p	er Strip 667
Not over	96	120	1 ½	3 1/2	6	9	12	$15\frac{1}{2}$		10"			6.66	67		8.	333 854
72	120	200	2	4	7	10	13			105/8"			8.00	00		10.	000
Over 72		96	3	6	9	12	15			13 16 13 78"			8.70 9.23			10. 11.	
Not	96	120	2	5	8	11	14			NOT	E: Slig	ht varia	tions fr	om the	weight	s given	on this
over 108	120	200	$3\frac{1}{2}$	7	10	13					must be			ual prac	tice. Th	iey are i	ntended

EXTRAS

COLD	ROI	LINC

over above prices.

Copper Prepared Suitable for Polishing, cold rolling charge, 2c

per lb. extra over above prices.

Cold Rolled and Annealed Copper Sheets and Circles take same price as Cold Rolled or Hard Copper of corresponding dimensions and Thickness.

Specially Prepared Copper, prices quoted upon application.

POLISHING

Length 60 in. and less
16 in. wide and under
Over 16 in. to 36 in. inc.
Over 86 in.
Over 86 in.
Over Price for Cold Rolled Copper
Polished Both Sides, double the square feet.
Planished Copper, (polished and lacquered) 1½c per sq. ft. over price for Polished Copper.

TINNING

Length 60 in, and less Over 60 in, long

16 in, wide and under . . . 7 c per sq. ft. 8 c per sq. ft.

Over 16 in, to 36 in, inc. . . 8 c " 9 c " 11 c "

Tinned Both Sides, double the square feet.

For tinning the edges of sheets one or both sides, price is same as for tinning all of one side of the specified sheet.

CIRCLES

THICK SHEETS

All Cold Rolled Sheet Copper thicker than ½ in., or Hot Rolled Sheet Copper thicker than ½ in., prices quoted upon application.

SHEET COPPER COLD ROLLED AND SOFT.

Not Tinned.

Table of Weight per Squar e Foot and Thickness per Stubb's Wire Gauge

Table of Weig	ne pe	1 oqu	are re	oc an	G 1111	CKIICS	o per	Jean	3 111	ic Ga	uge			
Stubs' Gauge, Nearest No	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Thickness in Decimal Parts of 1 inch	.300	.284	.259	.238	.220	.203	.180	.165	.148	.134	.120	.109	.095	.086
Ounces per Square Ft	223	211	193	177	164	151	134	123	110	100	89	81	70	62
Stubs' Gauge, Nearest No	15	16	18	19	21	22	23	24	26	27	29	31	33	35
Thickness in Decimal Parts of 1 inch	.072	.0645	.049	.0430	.032	.0269	.0242	.0215	.018	.0161	.0134	.0107	.00806	.00537
Ounces per Square Ft	54	48	37	32	24	21	19	16	14	12	10	8	6	4



MILCOR

ROUND END STOCK WATERING TROUGHS (No Solder Used)

THESE tanks are made entirely of full weight 20 gauge prime galvanized sheets. Tanks are vertically corrugated to withstand any water pressure and also to allow for expansion and contraction due to frost and heat. We have eliminated the use of angle iron and tube construction around the top and bottom flanges. The several

thicknesses of 20 gauge steel when built into top and bottom flanges make not only stronger and better construction, but adds to the life of the tanks, as the flanges are formed from the same piece of material as the sides. Milcor Round End Stock Watering Troughs shown above are made and stocked in sizes and capacities listed below.

LIST PRICES EACH

Milcor Round End "B" troughs are made as listed, in the same sizes as the Round End type MILCOR

SHEET STEEL

troughs. This makes many nesting combinations possible. Nesting reduces shipping expense.

No.	Width Feet	Height Feet	Length Feet	Capacity Barrels	List Price
RE 224 or RE 224B	2	2	2	4	\$12.60
RE 225 or RE 225B	2	2	5	33/4	15.20
RE 226 or RE 226B	2	2	6	4 1/2	17.70
RE 227 or RE 227B	2	2	7	51/2	20.30
RE 228 or RE 228B	2	2	8	61/4	22.80
RE 2210 or RE 2210B	2	2	10	8	27.90
RE 2525 or RE 2525B	21/2	2	5	43/4	17.00
RE 2526	21/2	2	6	. 53/4	19.80
RE 2527	21/2	. 2	7	7	22.70
RE 2528	21/2	2	8	8	25.50
RE 25210	21/2	2	10	101/4	31.20
RE 328	3	2	8	9 1/2	28.10
RE 3210	3	2	10	121/4	34.40
RE 3212	3	2	12	15	41.00
RE 428	4	2	8	123/4	32.40
RE 4210	4	2	10	161/4	39.30
RE 4212	4	2 .	12	20	46,50
RE 4214	4	2	14	231/2	53.40
RE 4216	4	2	16	271/2	60.30
RE 5212	5	2	12	243/4	53.10
RE 5216	5	2	16	333/4	68.40
RE 6210	6	2	10	233/4	50.40
RE 6216	6	2	16	41	76.40



MILCOR Round Stock Watering Troughs (no solder used)

MILCOR Round Stock Watering Troughs are made in the capacities and sizes given at bottom of page. All corrugated stock watering troughs are constructed with elastic packing at all seams. During transportation this may dry out to such an extent that the tank will leak slightly when first filled. After the first filling with water however, the packing swells and there will be no further leakage.

Seams are riveted so as to withstand rough usage in transportation, and made permanently water-tight without solder, by riveting them with heavy 3/8 inch rivets closely spaced.

All our tanks are watertight when leaving factory. If not delivered in first-class condition do not remove from depot without having freight bill marked "damaged".

LIST PRICES EACH MADE FROM GALVANIZED MILCOR SHEET STEEL

No.	Diameter Feet	Height Feet	Capacity Barrels	List Price
R-32	3	2	3	\$12.30
R-42	4	2 .	5	15.80
R-52	5	2	8½	20.00
R-62	6	2	121/2	25.50
R-72	7	2	171/4	32.30
R-82	8	2	223/4	42.00



MILCOP. Daylight Hog House Windows

MILCOR Daylight Windows are of standard puttyless skylight construction, which feature is exclusive with these windows. Made of galvanized Milcor Sheet Steel throughout. Light and durable.

Four inch flashing all around, so formed as to prevent leakage. The glass is protected by 3% inch diamond mesh metal covering. Both glass and metal covering are held in place by metal clips.

Milcor Hog House Windows are made either stationary or with ventilating attachment. Ventilating attachment is very simple and easily operated. The window is opened upwards and remains open until handle is pulled down. Easily installed in new or old buildings. In installing, shingle up to ridge on flashing at either side. Shingle over flashing at top but under flashing at bottom, and there will be no leakage.

LIST PRICES

MADE FROM GALVANIZED MILCOR SHEET STEEL

Full size of frame 27x33½ inches; sash, 21x28 with frames or 2 panes of glass 10x28 each.

Glass not furnished with windows, can be secured from any dealer.

Puttyless Daylight Hog House Windows, stationary	Per doz.	\$30.00
Puttyless Daylight Hog House Windows, with ventilating attachment		



Right No. SS2 Pivoted Single Sash

Left No. SS3 Top Hinged Single Sash

MILCOR Fireproof Windows

MILCOR Fireproof Hollow Metal Windows are made of specially inspected No. 24 gauge galvanized sheet steel, and are hollow air channel construction throughout. We can also furnish windows in heavier weight galvanized sheet steel or pure copper.

Milcor Metal Windows carry the Fireproof Label of the Fire Underwriters' Laboratories, Inc. Before allowing this Label to be used, Milcor Windows were subjected to severe fire tests at the Underwriters' Laboratories in Chicago. All pivoted sash on Milcor Fireproof Windows are equipped with two positive locking gravity locks, one at the top and one at the bottom of each sash. Each lock is attached to a chain which is designed to hold the sash open at any angle. Each length of chain has a link of fusible metal which melts at 165 degrees Fahrenheit. If the window is open when a fire starts, the heat will melt this link; the chain will break and the window will close automatically; thus shutting off the draft and smothering the fire.

Quarter-inch rough wire glass cut to size, ready for glazing, furnished only when ordered.

Milcor Fireproof Windows are made with either square or segment (arched top) heads. All sills of Milcor Windows should be filled with concrete to prevent denting. An opening is left in the base of each window so that the sill may be filled before the frame is erected. We do not fill sills because it would add to the weight and make shipping costs excessive.



(Center) No. S6 Pivoted Upper and Lower

—2 Sash

(Left) S14 Double Hung or S16 Counter Balanced

(Right) No. S4 Lower Sash Stationary. Upper Sash swings on off-center pivot.

When Ordering

Milcor Fireproof Hollow Metal Windows please specify: size of opening to be fitted, type of construction of wall for placing wind break, width of wall, number of lights of glass to the window and type of window desired.



Porto-Unit

Steel Garages

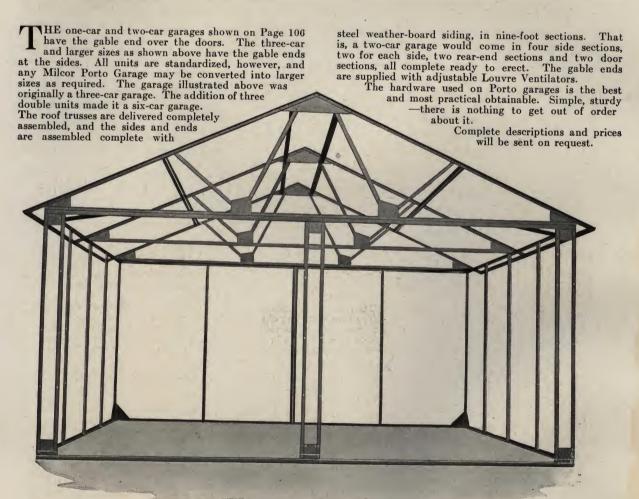
MILCOR

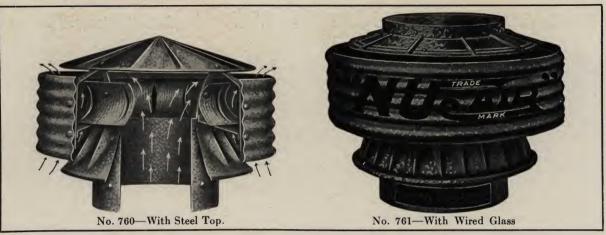
A Porto-Unit workshop might be added to a Milcor Steel One-Car Garage at any time, and the result would be a good looking building.

A Milcor Porto All-Steel Garage, with heavy steel weather-board siding, possesses the advantages of all-steel construction and at the same time is an architecturally well designed building. The designing of the steel framing is simple, very easily erected, and all units are interchangeable. A two-car garage, three or four-car garage, or any size desired, takes the same units, multiplied according to requirements. Angle-irons, gusset plates, metal weather-board siding, doors and gable ends are the only units needed and they are all interchangeable whether a two-car or twenty-car garage is wanted.

When Completed Porto Garages are good looking as well as staunchly interbuilt.







No. 762 With Base.

Patented Oct. 21, 1913

"Nu-Air" Ventilators

ILCOR Nu-Air Stationary Ventilators possess great exhaust capacity and strength. The corrugated weather-band adds to the strength and rigidity of Nu-Air and affords additional vacuum-creating power.

Specially formed, curved deflectors and breakers inside the windband create positive suction and insures against back draft. All braces are galvanized after being formed and only the best grade of sherardized bolts, nuts and rivets are used in the ventilator assembly. Full information concerning ventilators for any building will gladly be given without obligating the inquirer.

Sizes, Weights and Capacities:

(Capacities Indicate Cubic Ft. of Air Discharged Per Minute—Wind Vel. 5 Miles per Hr.)

		10"	12"	14"	16"	18"	20"	24"	30"	36"	48"
No. 760	Weight (lbs)	15	20	25	40	45	55	80	80	120	250
	Capacity	250	365	495	650	810	1000	1450	2250	3500	6000
No. 761			(Same	Weigh	ts and	Capa	cities as	No. 76	0)		
No. 762	Weight	35	40	55	80	85	100	130	190	250	400

Furnished in Pure Copper, Galvanized Open Hearth Steel, Galvanized ARMCO Ingot Iron or Galvanized Coppered Metal. All Braces on galvanized grades are galvanized after formed.

MILCOR Alpina Ventilators

N the Alpina Ventilator, the entire capacity of the flue is utilized for the expulsion of foul air, the cap or upper portion of the ventilator being three-fifths larger than the flue.

The remarkable efficiency of the Alpina lies in its response to air currents. The revolving part of this Ventilator runs on brass ball-bearings which are completely encased and weather-protected. Surmounting this revolving section is a broad vane. The slightest air movement against this vane turns the mouth of the Alpina to the leeward of the wind, thus preventing any possibility of back draught.

Mechanical Specifications and Capacities:

Catalog Size	Area Square	Round Diameter	Height	Cubic Feet per hour Wind at 5 Miles	Shipping Weight
	Required			per Hour	
12 14	20" 22"	12" 14"	10 1/2"	16,500 22,200	50 lbs. 60 lbs.
16 18	24"	16" 18"	14" 17"	29,400 39,000	75 lbs. 80 lbs.
20	30" 36"	20"	18" 20"	48,000 66,000	140 lbs. 175 lbs.
30 36	40" 52"	24" 30" 36"	23"	102,000 153,000	325 lbs. 450 lbs.

Furnished in Pure Copper, Galvanized Open-Hearth Steel or Galvanized Coppered Metal. On galvanized grades, all braces are galvanized after formation.

Patented Oct. 21, 1913.





"Milwaukee Ventilators"

THE "Milwaukee" Stationary Ventilator, although simple in construction, is very efficient in its ventilating capacity. It requires no attention whatsoever. It is well made and extremely sturdy. The weatherband is beaded, top and bottom, to add to its rigidity.

Sizes, Weights and Capacities:

(Cubic Feet of Air Discharged per Minute-Wind Vel. 5 Miles per Hr.)

No.	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"	40"	48"	60"	72"
765 Wt. (lbs.)									100					
Capacity	130	140	160	250	388	500	625	900	1375	2000	2450	3500	6700	10690
No. 766	(1	Veig	hts	and	Cap	acit	ies s	ame	as N	o. 76	5)			
No. 767	(1	Veig	hts	and	Cap	acit	ies s	ame	as N	o. 76	5)			

Furnished in Pure Copper, Galvanized Open Hearth Steel, Galvanized ARMCO Ingot Iron or Galvanized Coppered Metal. All Braces on galvanized grades are galvanized after formed.

The No. 767 Milwaukee Ventilator, as shown above, is made with Glass Top and Regulating Damper, which is operated by a chain running over a ball-bearing pulley. This damper closes by gravity and opens the ventilating shaft. Pulling the chain draws up the damper and closes the air shaft, partially or entirely at will, without shutting out any light.

No. 766 is the same as No. 767, except that No. 766 is not equipped with the Regulating Damper.

MILCOR, Barn Ventilators

The Milcor Ventilator is designed so that it can be used either with or without a complete ventilating system. Complete details for installation of adequate ventilating systems for various buildings will be gladly furnished by our engineers, without cost or obligation, upon receipt of plans or blue prints of the building in question. Lightning Rod Attachment at slight extra charge.

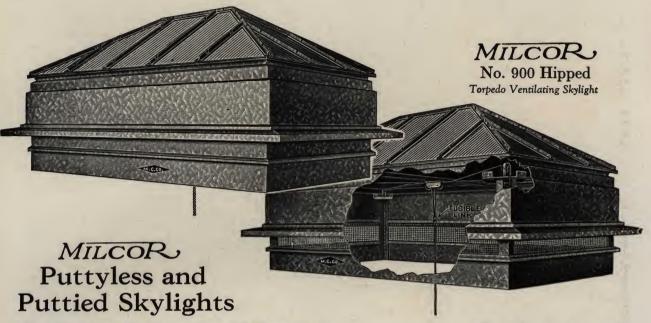
Dimensions and Weights:

No.	Flue	Base Molding	Actual Base	Weight
100	13"	24 x 24"	27 x 27"	100 lbs.
150	16"	28 x 28"	32 x 32"	125 lbs.
200	20*	35 x 35"	39 x 39"	150 lbs.
300	24"	42 x 42"	46 x 46"	200 lbs.
350	28"	47 x 47"	50 x 50"	250 lbs.
400	30"	52 x 52"	54 x 54"	275 lbs.
500	36"	62 x 62"	63 x 63"	300 lbs.

Lightning Rod Attachment at slight extra cost



Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.

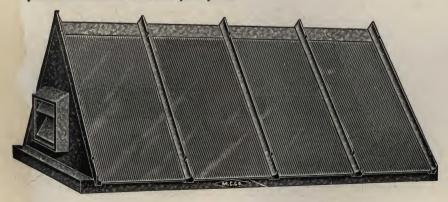


The Milcor Torpedo Ventilating skylight is efficient both as a skylight and as a ventilator. It "daylights" a large area, and ventilates to just the extent desired with its adjustable shutter. The "fusible link" illustrated provides a means of closing the shutter, should it be open at the time of a fire.

This and other skylights are more adequately described in the Milcor Sheet Metal Guide. A copy should always be in your files.



The Milcor Sheet Metal Guide illustrates and describes very completely the skylights which we are most often called upon to furnish. If you haven't this catalog on file, please write for it. Tell us what your requirements are, and we will give you our recommendations and quote prices.



Milcor Torpedo Ventilating skylights are made in 14 sizes, from 3 feet square to 6 by 10 feet.

No. 881 MILCOR Standard Double Pitched Skylight

Glass Laid-in-Putty—double pitch—same style and furnished in same sizes and grades as No. 895 (see description below) with exception of Puttyless features.

No. 895 MILCOR "Puttyless" Double Pitched Skylight

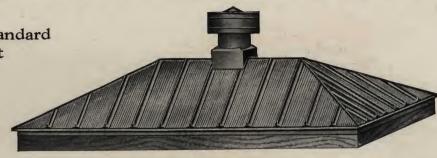
Double Pitch—with Louvre ventilator on ends. Made of 26-gauge Galvanized Open-Hearth Steel, Galvanized ARMCO Ingot Iron, Galvanized Coppered Steel or Pure Copper—in all standard sizes from 3 feet square to 10 feet square. Special sizes as specified.

No. 883

MILCOR Standard

Hipped Skylight

Laid-in-Putty — similar in style and made in same sizes and grades as No. 897 (see description below) except for Puttyless feature. Furnished with Ventilator and Damper unless otherwise ordered but is also carried without Ventilator.

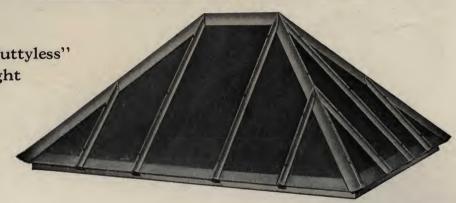


No. 897

MILCOR "Puttyless"

Hipped Skylight

Made of 26-gauge Open Hearth Galvanized Sheets, ARMCO Ingot Iron Galvanized Sheets or Pure Copper—in all regular sizes from 3 feet square to 10 feet square and 8 by 14 feet. Special sizes can be made as specified.



No. 880

MILCOR Standard
Single Pitch Skylight

Laid-in-Putty. Possesses similar general characteristics and is made in same sizes and grades as the No. 894 (see description below) with exception of the puttyless feature. Can be mounted on curb of any desired pitch.



Successfully to "skylight" many buildings is not a matter of arbitrary or convenient choice of one type or another. It is much rather a problem of properly lighting a given area and of ventilating a certain size room or series of rooms. Only an analysis of each skylighting problem will result in complete satisfaction. We suggest conferring with Milcor.

No. 894

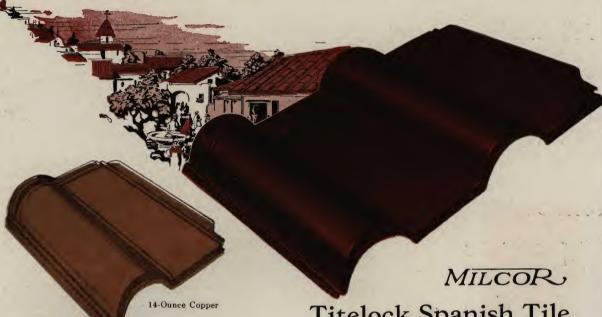
MILCOR "Puttyless"
Single Pitch Skylight

Single pitch—made of 26gauge Open Hearth Galvanized Sheets, ARMCO Ingot Iron Galvanized Sheets, Coppered Metal Galvanized Sheets or Pure Copper—in all standard sizes from 3 feet square to 8 by 14 feet .Special sizes can be made as specified.



MILCOR-

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



SPANISH TILE







AMERICAN TILE

Titelock Spanish Tile

N the finest residences, apartment buildings, hotels, churches, theatres, hospitals, schools, libraries and other public buildings, railway stations, garages, filling stations, etc., this artistic and practical roofing is being specified more and more by Architects all over the Country.

MECHANICAL SPECIFICATIONS: Milcor "Titelock" Spanish Metal Tile

Mechanical Specifications	Individual Spanish Field Tile	Individual Closed-End Spanish Starter Tile	Twin Spanish Field Tile	Twin Closed-End Spanish Starter Tile
Actual Size	10 x14 8½x11¾ 144	10 x14 8½x11¾ 144	18½x14 17 x11¾ 72	18½x14 17 x11¾ 72
IC—PaintedIX—PaintedIX—Galvanized after Formed IX—Galvanized after Formed		125 lbs. 150 lbs. 145 lbs. 170 lbs.	105 lbs. 130 lbs. *	120 lbs. 140 lbs. *
Cut from Galvanized Sheets 26 Ga. ARMCO Painted 26 Ga. ARMCO Galv. after.	* 160 lbs. 180 lbs.	175 lbs. 195 lbs. 190 lbs.	115 lbs.	130 lbs.
14-Ounce Copper	175 lbs.	190 108.		1

*Not furnished in these grades. MILCOR TITELOCK AMERICAN TILE

For some types of residences as well as other buildings, American design tile is more appropriate than the Spanish design, and for these buildings American Metal Tile are quite as attractive as Spanish. They are especially attractive and economica in Pure Copper.

MECHANICAL SPECIFICATIONS: Milcor "Titelock" American Metal Tile

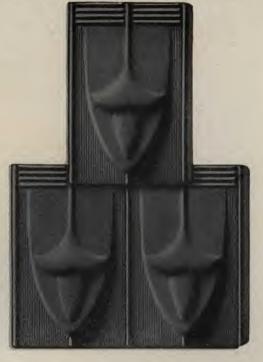
TAT	IICOI	Titti	OCIL 1	MILLETIC	JEERA TIN			
				Weigh	ts per S	quare:		Num-
	Actual Size	Cover- age Size	IX Painted Red or Green	after	26 Ga. Armco Painted	26 Ga. Armco Galv. after Formed	Cut from 14- Ounce Ana- conda Copper	ber of Amer- ican Tile per Square
American Field Tile	14 x 10	12 x 8	105 lbs.	115 lbs.	120 lbs.	130 lbs.	130 lbs.	148
American Starter Tile	7 x 10	6 x 8	115 lbs.	125 lbs.	130 lbs.	140 lbs.	140 lbs.	296

MILCOR, TITELOCK ART METAL SHINGLES

NY of the three designs in Milcor Art Metal Shingles offer an interesting and effective medium for distinctive roof effects. Two sizes are available. The larger size for main roofs, and the smaller size for towers, gables, roof projections and similar portions of the roof. Furnished in Terne Plate painted both sides, Terne Plate galvanized, Tight Coat galvanized Sheets painted or Galvanized ARMCO Ingot Iron, Pure Zinc, or Pure Copper.







Style C

Style B

Style "A" Shingles in Correct Assembly

Mechanical Specifications: Milcor "Titelock" Art Metal Shingles

					~	TT T TO TO	TATO WELL	W 49 MM 499		O O PP 1 2			
			-	-	S	HIPP	ING WE	IGHT	SPER	SQUAI	RE:		
	Coverage Size	Number	Pai	Plate nted Sides	Terne Galv. For	after	Cut from Tight Coat		ACO	Pure	Zinc	Pu Cold-l Anacond	
	Size	Square	IC	IX	IC	IX	Galvanized Sheets	Painted both Sides	Galv. after Formed	No. 9	No. 10	12-Oz.	14-Oz.
Style "A"-10" x 14"	8" x 12"	148	85	100	95	105	100	110	120	100	110	110	120
	51/4" x 81/2"	320	95	110	105	115	115	120	130	116	130	130	145
Style "B"-10" x 14"		148	85	100	95	105	100	110	120	100	110	110	120
Style "B" - 7" x 10"	51/4" x 81/2"	320	95	110	105	115	115	120	130	116	130	130	145
Style "C"-10" x 14"	8" x 12"	148	85	100	95	105	100	110	120	100	110	110	120
Style "D"-10" x 14"	8" x 12"	148	85	100	95	105	105	110	120	106	120	120	136
Style "D" - 7" x 10"	51/4" x 81/2"	320	95	110	105	115	115	120	130	116	130	130	145



Style "D"

Metal Slate in Correct Assembly

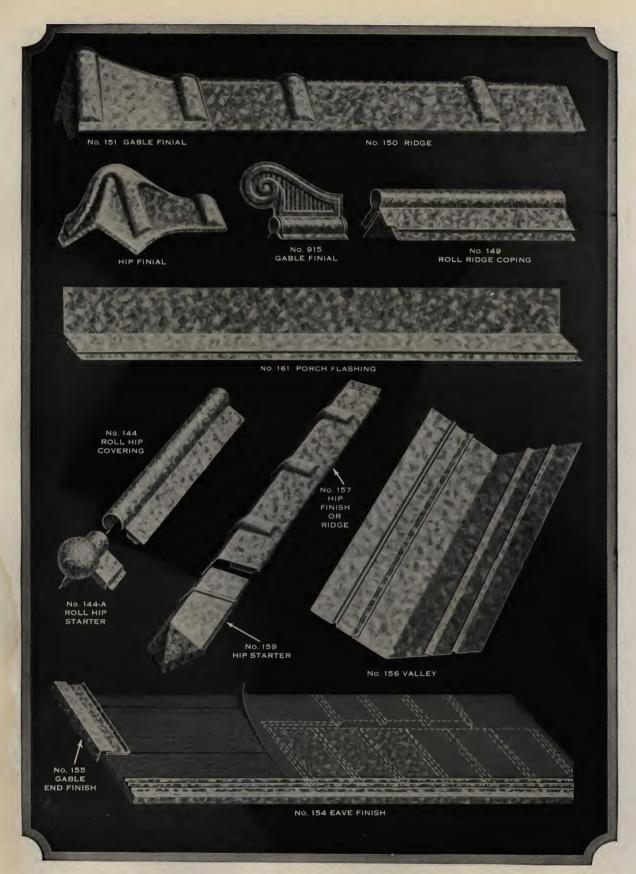




MILCOR TITELOCK METAL SLATE

or Style "D"

THE Titelock joint on Milcor Metal Slate is as effective as it is on our Spanish Metal Tile, and the four ribs at the top of each unit absolutely prevent leakage of driven rain or backed up water from melted snow or ice. Furnished in the same metals as the shingles shown above.



Titelock Trimmings Adaptable to American Metal Tile, Art Metal Shingles and Metal Slate.



MILCOR Sheet Metal Marquees

A Marquee or Canopy should be carefully designed for the building of which it is to be a very conspicuous part. It is so easy to secure from Milcor a finely designed, attractive marquee, that will comport well with the other architectural features of the building, that it is entirely unnecessary to erect one very like others in the same vicinity. We have specialized in this type of work for many years and can refer architects or builders to interesting examples of our own designing and fabrication. We are in position to submit appropriate designs and work out all details for any building, when we have before us the details of the elevation on which the marquee is to be erected. We will gladly follow the architect's layout and details precisely, or cooperate with him as closely as is desired in any case.

We build marquees complete, ready to erect. Write for specific information and estimates, sending plans or details for our guidance.

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.

"Invisible Joint" Ceilings and Side Walls

PRACTICAL advantages not obtainable from any other type of ceiling construction are embodied in Milcor Invisible Joint Metal Ceilings. They are fire-safe, permanent, crack-proof, easy to erect, artistic and economical. They can never sag, crack or fall off. They are not affected by heat, cold or dampness.



A single nail holds all four plates where four corners overlap.

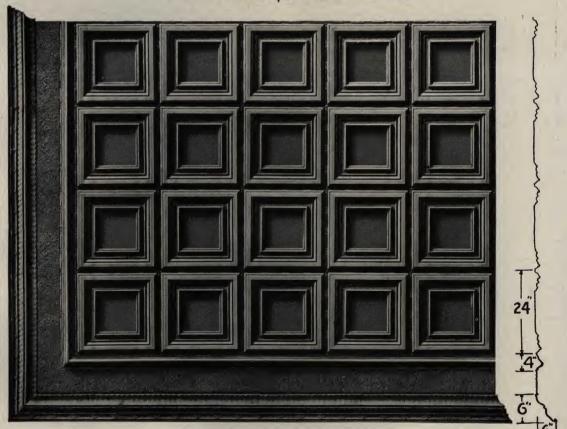
A wide variety of designs and combinations are available—carried in stock for immediate shipment. Just a few of these designs are shown here.

A complete catalog of metal wall and ceiling designs will be sent to recognized Sheet Metal Contractors or Architects upon request.

The Nail Holes are Die Cut, Clean and Smooth.



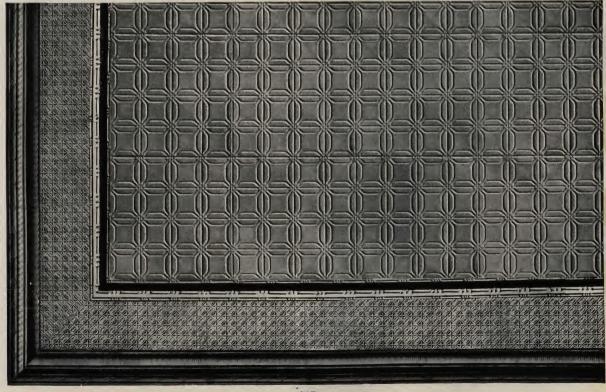
The Beads are re-pressed, making details bold.



Colonial Design No. 2735

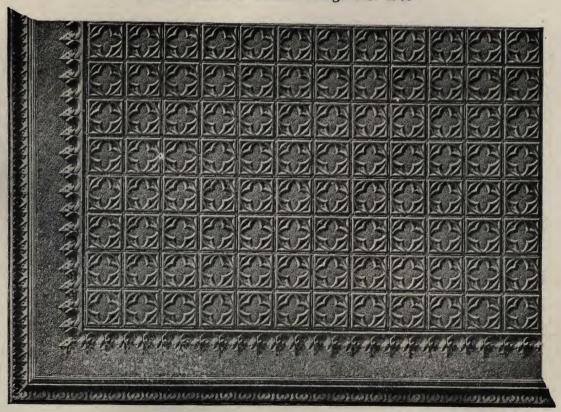


Above: MILCOR "Spanish Texture" Design No. 4000 Below: MILCOR "Colonial Design" No. 2350





Above: MILCOR Colonial Design No. 1955 (LockJoint)
Wood Furring Strips 7/8" x 11/4" Are Required to Carry the Depth of These Panels
Below: MILCOR Gothic Design No. 1795





No. 3139 BALUSTER Height 21" Diameter 6"

MILCOR

Architectural Zinc and Copper Ornaments

O meet architectural needs for decorative details on various types of buildings, we have designed and produced thousands of artistic metal ornaments, a few of which are shown here. The dies for these ornaments are at our Milwaukee Plant and we can make up any of these designs quickly in Zinc or Copper.

Society Emblems in metal, for interior or exterior decoration, are available in various sizes.

Architects, Contractors or Builders who desire some idea of their own in metal ornaments, will find that our expert modelers can reproduce even the most elaborate designs, in a manner that will please the most critical.

We solicit your consideration of our excellent facilities for this work and we can assure you of very satisfactory service.



No. 3116 BALUSTER Height 151/4" Diameter 5"



No. 3401. SCROLL. Right, $5\frac{1}{2}$ x 10 inches. Left, $5\frac{1}{2}$ x 10 inches.



No. 3063 RIBBON BOW

41/2 x 14 inches.

No. 3408 SCROLL Right, 6 x 12 inches. Left, 6 x 12 inches.



No. 3406 SCROLL—Left. 7 x 15 inches.



No. 3406 SCROLL—Right. 7 x 15 inches.



No. 3404. SCROLL. Right, 9 x 11 inches. Left, 9 x 11 inches.



No. 3047 CAPITAL Neck 6 in. Height 61/4 in. Abacus 93/4 in.



No. 3755. CRESTING-71/2 inches wide.



No. 3054. CRESTING-4 inches wide.



No. 3176. CRESTING-71/2 inches high.



Left Outside Corner for No. 3136 Cresting

No. 3136 CRESTING 7 inches high.

Right Outside Corner for No. 3136 Cresting

-MILCOR-

Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.



No. 3000

ROSETTE

ROSETTE Diam. 4 in.



No. 3002

No. 3004



ROSETTE

No. 3007 ROSETTE

No. 3008 ROSETTE



 $4\frac{1}{2} \times 8$ inches.

No. 3009 ROSETTE [6 x 10 inches.



No. 3011 ROSETTE Diam. 12 in.



No. 3010 ROSETTE 7 x 7 inches.



ROSETTE ROSETTE

No. 3015 ROSETTE Diam. 8 in.



Diam. 4 in Diam. $5\frac{1}{2}$ in. 5 x 5 inches. 6 x 6 inches.

No. 3016 No. 3017 ROSETTE ROSETTE ROSETTE ROSETTE ROSETTE ROSETTE ROSETTE Diam. 5 in. Diam. 4½ in. Diam. 3¼ in. Diam. 1½ in. 12 x 12 inches.





No. 3023





No. 3071 ROSETTE Diam. 3 in.



No. 3300 FINIAL TOP 5 x 7 inches.



No. 3014 ROSETTE Diam. 15 in.



No. 3201 ROSETTE Diam. 6 in. Diam. 5 in. Diam. 4 in.



No. 3167 ROSETTE Diam. 18 in.



No. 3304 FINIAL TOP 4 x 18 inches.



No. 3301 FINIAL TOP 5 x 9 inches.



FLUTED ORNAMENT 7 x 8 inches



No. 3240 FLUTED TOP $8 \times 8\frac{1}{2}$ inches.



No. 3205. BRANCH. 10 x 20 inches.



No. 3231 FLUTED ORNAMENT 7 x 9 inches.



FLUTED BALL Diam. 9 in.



No. 3652 SPUN HALF BALLS All Sizes Zinc and Copper



No. 3552 GARLAND 9 x 26 inches.



No. 3019 BRACKET Projection 14 inches, Height 8 inches. Face 8 inches.



No. 3575. PANEL-9 x 26 inches.



No. 3075 COMPLETE BALLS Locked together and seamed on inside. Made in Tin and Copper, in two sizes, 2½ inch and 3½ inch.

No. 3700. EGG AND DART MOULDING, 11/2 inches wide.

PROPERTY OF CHECKER OF CHECKER

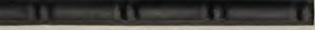
No. 3701. EGG AND DART MOULDING, 2 inches wide.



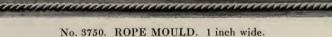
No. 3702. EGG AND DART MOULDING, 21/2 inches wide.



No. 3703. EGG AND DART MOULDING, 5 inches wide.



No. 3105. BEAD MOULDING. 2 inches wide.





No. 3751. ROPE MOULD. 2 inches wide.

No. 3752. BEAD MOULD. 11/2 inches wide.



No. 3754. ENRICHMENT. 41/2 inches wide.



No. 3756. ENRICHMENT. 9 inches wide.



No. 3018. ENRICHMENT. 6 inches wide.



CARTOUCHE 8 x 10 inches. No. 3043



No. 3151 LEAF 3 x 4½ in.



No. 3154 LEAF 5 x 12 in.



No. 3155 LEAF 9 x 13 in.



No. 3042 DROP 1½ x 15 in.



CARTOUCHE No. 3085 16 x 24 inches



No. 3031 FINIAL TOP 7 x 8 inches.



No. 3033 LION HEAD 8 x 10 inches. 3½ inch Projection



No. 3026 ORNAMENTAL SPOUT OUTLET For 2 and 3 inch Pipe.

MILCOR-Prestige the reflection of Quality MILWAUKEE CORRUGATING CO.

MILCOR FURNACE PIPE AND FITTINGS

Double Warm Air Furnace Fittings



No. 40 First Floor Base board Register Head for one register.



No. 42 First Floor Baseboard Register Head for two registers.



No. 4 Center Boot



No. 43 Second Floor Stack-head for one register.







No. 309 Boot All Milcor No. 300 Series Boots are single boots with Milcor "Titelock" for locking boot and head together, and can be used with all Milcor double stack and fittings.

REGISTERS



H. & C. class No. 170 Base-board Register.

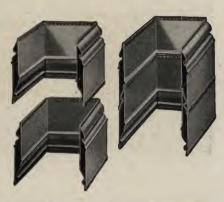


H. & C. class No. 200 Floor Register.

We stock a complete line of Hart & Cooley and Tuttle & Bailey Registers, Faces and Grilles.



Milcor Double
Warm Air Wall
Stack showing the
Milcor EverReady
Strap for attaching
24-inch lengths of
wall stack to studding. Also made in
2"-4"-6"-9"-12"-18"
and 48" sections.



A cross section of Milcor Double Wall Stack showing the design of the Milcor "Titelock" which is used on all Milcor Double Stack and Fittings. Milcor Wall Stack is made in 8 lengths, 2 inches to 48 inches long, and seven sizes. We also make an adjustable joint for each size.

E show just a few of the items in the complete Milcor line of Double and Single Warm Air Wall Stack and Fittings. Warm Air Heat is recommended for homes, apartments, large residences, factories, public garages, stores, churches, theatres, schools, etc. Milcor equipment is made to give the most efficient service possible and at a reasonable cost.

We are members of The National Warm Air Heating and Ventilating Association and all our pipe and fittings conform to the recommendations of this Association.

The latest catalog on Milcor Furnace Pipe and Fittings, Stove Pipe and Elbows contains complete detailed data on Milcor Warm Air Heating Equipment. We shall be glad to send you a copy on request.





Milcor tin and galvanized Round Furnace Pipe and Elbows are carefully made. The new Milcor swedge makes installation easy and saves time for the installer.

Catalog covering complete line of Milcor Furnace Pipe and Fittings and Stove Pipe and Elbows sent on request.

MILCOR

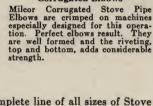
Stove Pipe, Elbows and Accessories



Adjustable Elbows Milcor Adjustable Stove Pipe Elbows are made with care to in-sure tight joints and yet preserve the adjustable feature. Each elbow must pass inspection for these two essentials. Made in all sizes.



Corrugated Elbows



ILCOR manufactures a complete line of all sizes of Stove Pipe, Elbows, Tee Joints, Reducers, etc. All Milcor pipe and elbows are made in our modern plant using machine equipment designed by our own engineers, the best of raw materials and skilled labor. Uniform quality products are assured by our enormous volume and careful inspection.

Specializing in elbows and pipe of all types for the past thirty years naturally has developed Milcor facilities for manufacturing the finest stove pipe and elbows on the market. Whatever the requirements are, you can be sure of getting the very best obtainable by insisting on Milcor stove pipe, elbows and fittings.

You owe it to your Trade to get acquainted with the complete Milcor line; you are sure to appreciate its advantages of prompt, courteous service and a line of fittings that will please your customers and help your business grow.

The Milcor catalog of Furnace Pipe and Fittings, Stove Pipe and Elbows will give you complete information. Copies sent on request to recognized dealers.



Pipe As Shipped Milcor Stove Pipe is shipped knocked down and nested in strong fibre cartons.



Pipe Made Up The Milcor "Titelock" seam, malleted down, is perfectly locked and strengthens the pipe.



Stove Pipe Tee Joints Carried in stock in four combinations: 3" on 6". 4" on 6", 5" on 6", and 6" on 6" in No. 26 and No. 28gauge.



Flue Stop A simple yet effective Flue Stop. The wires fit tightly in the flue and hold the stop securely in place.



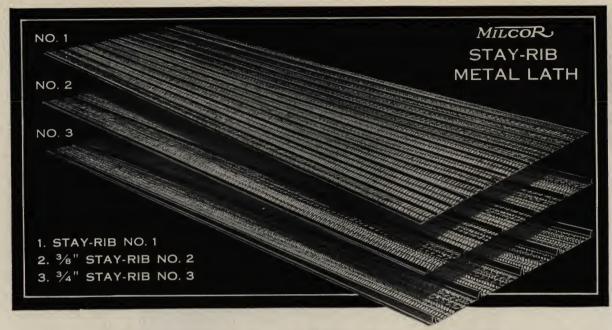
Cast Smoke Damper Made of cast iron with an always-cool handle and reversible steel spindle. All sizes from 3 to 16 inches in diameter.



Oval Reducers Designed to reduce oval stove or range collars from 7 to 6 inches. Furnished in uniform blue or polished



Stove Pipe Collars A clean cut, neat looking collar. Made in 3, 4, 5, 6 and 7 inch sizes.



MILCOR Stay-Rib Metal Lath

HE different types of metal lath manufactured in Milcor plants provide a wide choice for any plaster

base requirement.

No. 1 Stay-Rib Metal Lath has longitudinal ribs ½ inch wide, spaced 1¾ inches center to center, connected at ¼ inch intervals by metal strands. These strands are reinforced at their centers by a stiffening member. No. 2 Stay-Rib has 3/8 inch ribs, spaced 4.8 inches center

to center, with five stiffening members between ribs. This lath is recommended for floor and roof slab work and for solid partitions

No. 3 Stay-Rib Lath has a ¾ inch rib, corrugated on either side, and is used for reinforcing concrete floor and roof slabs and for solid partition work where heavy reinforcement is required. We refer to Milcor Manual for complete data on this lath.

Furlath: A Self Furring Stucco Base

Furlath was designed especially for stucco work. It has every advantage of corrugated metal lath in its self-furring feature, and has, in a d dition, the strength that a successful, reinforcing stucco base needs. Furlath is available corrugated metal lath in needs. Furlath is available in black steel, painted, galvanized open hearth steel, Coppered Metal and ARMCO Ingot Iron.



MILCOR Corrugated Steel Domes

These domes are made in four gauges and six heights. Lengths 30 and 35 inches made in straight, single-tapered and double-tapered sections. The end caps are formed from 28 gauge sheets.

MILCOR Netmesh (Diamond Expanded) Metal Lath

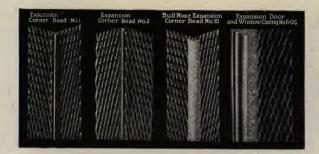
Milcor (Diamond Expanded) Netmesh Lath is highly adaptable to different plaster base require-ments as well as to making steel girders and columns firesafe. Milcor Netmesh Metal Lath is available in Copper and Zinc as well as Steel, Coppered Metal or ARMCO Ingot Iron.

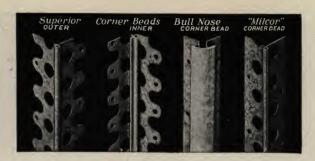


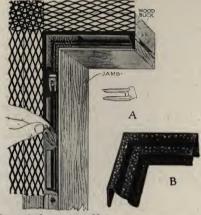
MILCOR Furlath: A Successful Self-Furring Stucco Base



The Complete story of MILCOR Metal Lath is told in MILCOR Manual







Patented June 13, 1922
and Jan. 26, 1926
A—Showing Under
Side of Clip.
B—No. 6, 0. G.
One-Piece Mitre.
C—No. 4, ¼-Round
One-Piece Mitre.
No. 4—¼ Round
No. 6—O. G.
No. 8—24 Gauge
No. 9—¼ Round
MILCOR

Expansion Metal Casing

Milcor offers an Expansion Metal Casing in four profiles, as shown above, for interior finish in homes, hotels, hospitals and other public buildings. Their expanded metal wings provide a base for plaster to key to right up into the nose of the casings and plaster never cracks at the casing edge. Mitres for these casings and the proper method of fastening the casing to frames are illustrated above.

to frames are illustrated above.

MILCOR Cold Rolled
and Hot Rolled Channels

Milcor Channels, Cold or Hot Rolled, are practical and efficient for solid or hollow partitions or for suspended ceilings. Their use is fully described in the Milcor Manual. Cold rolled channels are obtainable quickly in the sizes shown below.

Information as to sizes on Hot Rolled Channels furnished on request.

MILCOR Metal Lath Accessories

EXPANSION Corner Beads—No. 1 for Outer Corners, No. 2 for Inner Corners and ceiling angles. No other corner bead provides so thorough protection as the Milcor Expansion. (They have been and are being used in more buildings of the better type than any other corner bead on the market.)

Public buildings should always be equipped with "Bull Nose", No. 10, a Heavy Duty Expansion Corner Bead for the extra protection they provide.

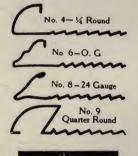
Milcor Expansion Base Screed is especially desirable wherever Portland Cement base is to be joined with lime or Gypsum plasters. The expanded metal wings of this screed hold both cement

metal wings of this screed hold both cement and plaster in place, tying them together permanently.

Milcor Expansion Flashing eliminates the danger of water seepage in back of exterior stucco around doors and windows.

Concealed Metal Picture Moulding is an inconspicuous, sanitary molding that gives a room in which it is used a distinctive appearance that is always desirable.

Milcor Old Style Corner Beads are illustrated on this page in addition to the expansion types described above. They are an important part of the Milcor line and should be considered. We refer to the Milcor Manual for more complete information than can be given here.

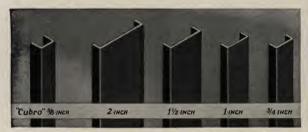






Corner Lath.

Expansion Flashing.





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MILCOR Sheet Metal Handbook

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TELEGRAPH CODE

WESTERN UNION CODE CABLE ADDRESS "MILCOR MILWAUKEE"

The use of this Code for telegrams exceeding ten words will save considerable expense

Relet With reference to your letter (date).
Retel With reference to your telegram.
Vacate How soon can you furnish?
VacationHave you in stock and could you furnish at once?
Vaccinate Have you shipped our order of?
VagabondAdvise us by wire when you can ship our order of?
Vagrancy When will you ship our order of?
Valve Wire price on shipment from Mill.
VampireWire price on shipment from Milwaukee.
VampWire price on shipment from Kansas City.
VampicWire price on shipment from Chicago.
VanguardYour quotation ofaccepted. Enter order.
VagrantShip immediately by freight.
VassalShip immediately by express.
VanIf not in stock ship direct from Mill.
ValorOur order ofnot yet received; send tracer for shipment at once.
ValeWe are in need ofon order of—if not already shipped when will they be shipped?
ValentineDo not ship our order ofuntil further advised by us.
ValetShip immediately by freight goods named in your letter of
Value Have you shipped us any on our order of?
Valient Quote us bottom price F. O. B.—
ValiseWe have in stock and could ship at once.
ValuableWe can furnish at (price)
VastIn reply to your favor of
Vanity We shipped your order on
VaporWe will ship